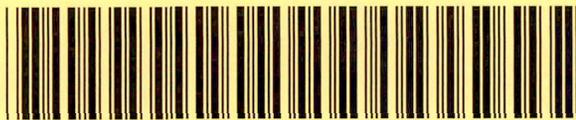


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Site Name GOLDSBORO MILLING-MILL #1 & #2

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RptSegment 1

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DocRcvd 12/28/2011

Box SF2104

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

# Limited Solvent Investigation Services Report

**Goldsboro Milling Feed Mill # 1  
938 Millers Chapel Rd.  
Goldsboro, Wayne County, North Carolina**

December 28, 2011  
Terracon Project No. 72117095

**Prepared for:**

Kilpatrick, Townsend & Stockton, LLP  
Raleigh, North Carolina

**Prepared by:**

Terracon Consultants, Inc.  
Winterville, North Carolina

Offices Nationwide  
Employee-Owned

Established in 1965  
terracon.com

# Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities



December 28, 2011

Kilpatrick, Townsend & Stockton, LLP  
4208 Six Forks Rd., Suite 1400  
Raleigh, NC 27609

Attention: Mr. Bill Lane

Subject: Report of Limited Solvent Investigation Services  
Goldsboro Milling Feed Mill # 1  
938 Millers Chapel Rd.  
Goldsboro, Wayne County, North Carolina  
Terracon Project No: 72117095

Dear Mr. Lane:

Terracon Consultants, Inc. has completed the environmental engineering services for the Limited Solvent Investigation Services (LSIS) for the above referenced site. The investigation was performed in accordance with Terracon's Proposal Number P72110303 dated November 17, 2011.

Soil contamination above the North Carolina Department of Environment and Natural Resources (NCDENR) Soil-to-Water and Industrial/Commercial Maximum Soil Contaminant Concentrations (MSCCs) has been documented onsite. In addition, analytical results of the groundwater samples collected indicated contamination above NCDENR's Groundwater Quality Standards (GQS) and Gross Contamination Levels for Groundwater.

We appreciate the opportunity to perform these services for you. Please contact either of the undersigned at (252) 353-1600 if you have questions regarding the information provided in the report.

Sincerely,

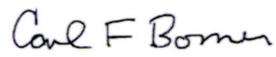
Terracon Consultants, Inc.

Prepared by:

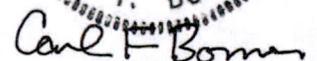
  
Allen McColl  
Staff Professional  
Environmental Services

Attachments

Reviewed by:

  
Carl F. Bonner, PE.  
Greenville Office Manager  
Registered, NC 16252





12/28/11

Terracon Consultants, Inc. 314 Beacon Drive Winterville, NC 28590  
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## TABLE OF CONTENTS

	Page No.
1.0 INTRODUCTION.....	1
2.0 FIELD ACTIVITIES .....	3
3.0 LABORATORY ANALYTICAL METHODS.....	6
4.0 DATA EVALUATION .....	6
5.0 FINDINGS AND RECOMMENDATIONS .....	9

### TABLES

Table 1 – Soil Sampling Analytical Summary – Page 7

Table 2 – Summary of Groundwater Sampling Results – Page 8

### LIST OF APPENDICES

Appendix A: Figures

Appendix B: Well Construction Records

Appendix C: Laboratory Data Sheets and Chain-of-Custody

## LIMITED SOLVENT INVESTIGATION SERVICES

**Goldsboro Milling Company – Feed Mill #1**  
938 Millers Chapel Rd.

**Goldsboro, Wayne County, NC**

**Terracon Project No. 72117095**  
**December 28, 2011**

### 1.0 INTRODUCTION

#### 1.1 Site Description

<b>Site Name</b>	Goldsboro Milling Company – Feed Mill #1
<b>Site Location/Address</b>	938 Millers Chapel Rd., Goldsboro, Wayne County, NC
<b>General Site Description</b>	Mill 1 is improved with grain silos, grain elevators, an office, warehouses, a truck and rail grain dump building, a boiler building, electrical buildings, a grain truck probe building and a disinfectant truck wash area. The site is further improved with asphalt drives.

Please see the attached Figure 1 for a Topographic Vicinity Map that indicates the site location.

#### 1.2 Project Information/Scope of Work

##### Project Information

Terracon conducted a Phase I Environmental Site Assessment (ESA) for two of Goldsboro Milling Company's Feed Mills (Feed Mill 1 and Feed Mill 2) in August 2011. In our ESA Report dated September 8, 2011, we designated the USTs and dispenser island a Recognized Environmental Condition (REC). The tanks and dispenser island were a REC due to lack of closure documentation for two former petroleum underground storage tanks (USTs) that were reportedly filled in place located near the Mill 1 Office.

Based on this REC, Terracon recommended soil and groundwater sampling in the area of the USTs. The soil and groundwater sampling was conducted during a Limited Site Investigation (LSI) in October 2011. Terracon submitted our findings in a LSI Report (Terracon Project Number 72117082) dated November 8, 2011.

Based on our analytical results, soil in the area of the former pump island was analyzed to be above the North Carolina Department of Environment and Natural Resources (NCDENR) reportable limits. In addition, groundwater samples collected in the area of the former pump island and in select areas around the tanks were analyzed to be above NCDENR Groundwater Quality Standards (GQS). The four groundwater samples were analyzed to be above NCDENR's GQS for Tetrachloroethene (PCE) and/or Trichloroethene (TCE). PCE and TCE are

## Report of Limited Solvent Investigation Services

Goldsboro Milling Company – Feed Mill #1 ■ Goldsboro, NC

December 28, 2011 ■ Terracon Project No. 72117095



solvents that are typically used at dry cleaner sites and/or automotive repair shops as parts cleaning chemicals.

Based on the analytical results being above NCDENR reportable limits and the discovery of solvents in the groundwater, Terracon notified our client of the findings. Based on conversations with the client, the client requested that Terracon perform additional sampling in order to attempt to define the extents of the solvent plume.

### Scope of Services

In order to perform the Limited Solvent Investigation Services, Terracon performed the following Scope of Services:

- Mobilized to the site along with our drilling subcontractor. Our drilling subcontractor utilized a truck-mounted rig to install permanent Type II groundwater monitoring wells.
- Initially, three permanent monitoring wells were installed in the area of the discovered solvent release. The wells were installed to a depth of 15 feet below grade.
- We collected three soil samples (one from each well location) during the installation of the wells and collected three groundwater samples (one from each well).
- We also collected groundwater samples from four water supply wells located within 1,500 feet of the discovered solvent release.
- The soil and groundwater samples were analyzed using EPA Method 8260 for volatile organic compounds (VOCs).
- The samples will be analyzed using a 48 hour rushed turnaround.
- After the initial installation/sampling of the monitoring wells, Terracon allowed the wells to stabilize for 48 hours in order to determine the static groundwater levels at each well.
- Terracon returned to the site after the 48 hour stabilization period to survey the wells for groundwater elevations in order to determine groundwater flow direction.
- Once groundwater flow direction was determined and the initial sample results were received, Terracon remobilized to the site along with our drilling subcontractor and installed three additional Type II groundwater monitoring wells in select areas.
- These three additional monitoring were be sampled and analyzed for volatiles using EPA Method 8260.
- The additional samples were analyzed using a 48 hour rushed turnaround.
- Issued this report of our findings.

### **1.3 Standard of Care**

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These LSIS services were performed in accordance with the scope of

work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-97.

#### **1.4 Additional Scope Limitations**

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

#### **1.5 Reliance**

This report has been prepared for the exclusive use of Kilpatrick, Townsend & Stockton, LLP, Goldsboro Milling Company and Cooperative Centrale Raiffeisen-Boerenleenbank B.A. "Rabobank Nederland", New York Branch (Rabobank International), and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Kilpatrick, Townsend & Stockton, LLP and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, LSI Report and Terracon's terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

## **2.0 FIELD ACTIVITIES**

Terracon's field activities for the field work were conducted on November 16, 2011 under the supervision of Mr. Carl F. Bonner, P.E. with Terracon and on November 18 and 22, 2011 under the supervision of Mr. Allen McColl, Environmental Professional with Terracon. Field activities included supervision of well placement/drilling services, collecting soil samples at each groundwater monitoring well area, purging groundwater monitoring wells, collecting groundwater samples from the installed groundwater monitoring wells, collecting groundwater samples from existing water supply wells and obtaining groundwater elevation data in order to determine groundwater flow direction. These field activities are further discussed below. Please see Figure 1 in Appendix A for a topographic vicinity map that also includes existing water supply well locations. Please see Figure 2 and Figure 3 in Appendix A for our Site Diagram/Sample Location Map indicating sample locations. Please see Figure 4 in Appendix A for a 2010 aerial photo that includes scale and monitoring well/supply well locations.

## **Soil Borings**

Prior to the installation of the groundwater monitoring wells, soil borings were advanced by a State of North Carolina licensed driller using a track-mounted geoprobe unit under the supervision of Terracon field personnel. Soil samples obtained by the geoprobe unit were collected using four-foot long core barrel samplers. A disposable clear plastic liner in the geoprobe soil sampler was changed between each boring interval and location. Drilling equipment was cleaned prior to beginning the project and before beginning each soil boring.

Soil samples were collected continuously and observed to document groundwater saturation levels. One soil sample (MW-1S, MW-2S, MW-3S, MW-4 (soil), MW-5 (soil) and MW-6 (soil)) was obtained at approximately 6 foot below land surface at each designated groundwater monitoring well location.

Groundwater was encountered in each boring at approximately 6 feet below land surface during boring advancement.

Each soil sample was collected using gloved hands. Gloves were changed at each sample collection point. The soil samples for laboratory analysis were then placed in laboratory prepared containers and placed in a cooler with ice.

## **Monitoring Well Installation**

On November 16 and 22, 2011, six monitoring wells (MW-1 through MW-6) were installed at various areas within the initial source area of the release, in down-gradient areas of the initial release and in up-gradient areas of the initial release. The monitoring wells were installed under the supervision of Terracon by EHC, Inc. (a North Carolina Licensed Driller). The monitoring wells were constructed of 2-inch diameter PVC with a 10-foot screened interval. The boring was terminated in undisturbed soil at a total depth of 15 feet below land surface. The boring annulus around the well screen was packed with clean quartz sand. A one-foot thick bentonite seal was placed over the sand pack. The remaining boring annulus around the well riser was filled with neat cement grout. The well was completed in a concrete slab with a secured flush mounted, bolt-down protective well cover. The well casing was secured with an expandable locking cap.

MW-1 was installed within the initial source area in an area to the northeast of the tank basin containing three USTs, MW-2 was installed in an area near the initial source area to the northwest of the tank basin containing two USTs and MW-3 was installed in an area within the initial source area at the former pump island.

Once MW-1, MW-2 and MW-3 were installed, these three groundwater monitoring wells were sampled and allowed to recharge for 48 hours to their static groundwater levels. After 48 hours, Terracon returned to the site on November 18, 2011 to obtain groundwater elevations using surveying equipment.

Based on our groundwater elevation data, it was determined that the groundwater flow direction would be towards the southwest. Based on the groundwater flow direction, Terracon returned

## Report of Limited Solvent Investigation Services

Goldsboro Milling Company – Feed Mill #1 ■ Goldsboro, NC

December 28, 2011 ■ Terracon Project No. 72117095



to the site on November 22, 2011 to supervise the installation of three additional groundwater monitoring wells.

MW-4 was installed in an assumed up-gradient area towards the farm warehouse and feed lab. MW-5 was installed to the east of the source area at a feed warehouse and former truck maintenance shop. Well installation at the feed warehouse and former truck maintenance shop was chosen to ascertain whether historic truck maintenance at this building could be contributing to the solvent contamination. MW-6 was installed in an assumed down-gradient area across rail road tracks at Mill 2.

The well construction details are documented on the well construction record form presented in Appendix B. The location of the monitoring wells are depicted on Figure 2, 3 and 4 in Appendix A.

### Groundwater Sampling

Between November 16, 2011 and November 22, 2011, six groundwater samples (MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6) were obtained from the installed groundwater monitoring wells using disposable bailers.

Monitoring wells were developed and purged by Terracon personnel of approximately five volumes of water before the discharge water became clear and started producing a slower yield. The monitoring wells were then sampled.

On November 16, 2011, Terracon also collected groundwater samples from existing water supply wells (Supply Well 4, Supply Well 5, Supply Well 8 and Supply Well at Maintenance Shop).

Please note that we proposed to sample five existing water supply wells within 1,000 feet from the initial release area. Based on our field observations, two of the supply wells within the 1,000 foot radius (Supply Well 5 and Supply Well 6) are located within approximately 10 feet of each other and due to the proximity of the wells, only one of the wells was sampled in this area. Additionally, due to one of the supply wells (Supply Well 7) within 1,000 feet of the release not having a tap and being directly piped into a boiler at Mill 2, Terracon alternatively sampled a supply well (Supply Well 8) that would be located approximately 1,500 feet southeast from the release area. Terracon also had proposed to sample a supply well at the maintenance shop (Supply Well 3). Supply Well 3 has been reportedly abandoned. Terracon did collect a sample from a tap at the maintenance shop that reportedly obtains water from a water supply well (Supply Well 1) located north of the main office building. Supply Well 1 would be located approximately 1,500 north of the release area. Supply Well 4 is located at a truck disinfectant spray station on Mill 1 property. Please see the attached Figure 1, 2 and 4 in Appendix A for supply well locations.

Disposable gloves were used and changed at each sample location. Groundwater samples were placed into laboratory prepared jars. The groundwater samples were then placed in laboratory prepared containers and placed in a cooler with ice.

The sample cooler containing both soil and groundwater samples and completed chain-of-custody form was relinquished to Pace Analytical, Inc., an analytical laboratory in Huntersville, NC for a rushed 48 hour turnaround.

Soil cuttings, groundwater and equipment cleaning water generated during the field activities are not required to be containerized by NCDENR. These materials were spread out on-site around the general boring location or used as fill for the borings during their closure.

### **3.0 LABORATORY ANALYTICAL METHODS**

The six soil samples (MW-1S, MW-2S, MW-3S, MW-4 (soil), MW-5 (soil) and MW-6 (soil)), the six groundwater samples (MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6) and the four supply well samples (Supply Well 4, Supply Well 5, Supply Well 8 and Supply Well at Maintenance Shop) were analyzed for VOCs using EPA Method 8260.

Laboratory results are summarized in the tables included in Section 4.0 of this report. The executed chain-of-custody form and laboratory data sheets are provided in Appendix C.

### **4.0 DATA EVALUATION**

#### **4.1 Soil Samples**

The following summarizes the results of our soil sampling and analysis:

- The soil sample collected from MW-3S was analyzed to be above multiple petroleum and solvent type constituents. Of note, Tetrachloroethene (PCE) was analyzed to be above NCDENR's Industrial/Commercial Soil to Water Maximum Soil Contaminant Concentrations (MSCCs).
- The soil sample collected from MW-1S, MW-2S, MW-4 (soil), MW-5 (soil) and MW-6 (soil) was analyzed to be Non Detect (ND) and below the laboratory's method detection limit.

The laboratory results compared to NCENR's applicable reportable limits for soils are summarized Table 1 below.

**Table 1 EPA 8260 Soil Sampling Analytical Summary**

Sample ID	Contaminant of Concern (Quantities Reported in mg/kg) Analyzed by EPA Method 8260										
	n-Butylbenzene	Sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)
MW-1S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3S	106	22.8	18.6	25.8	26.9	18.2	29.2	2.8	777	385	100
MW-4 (soil)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5 (soil)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-6 (soil)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Soil to Water Maximum Soil MSCC (mg/kg)</b>	4.3	3.3	4.9	1.7	NE	0.16	0.0074	0.019	8.5	8.3	4.6
<b>Residential Soil MSCC (mg/kg)</b>	626	626	1,560	1,564	NE	313	1.1	4.6	782	782	3,129
<b>Industrial/Commercial MSCC (mg/kg)</b>	16,350	16,350	40,000	40,880	NE	8,176	10	120	20,440	20,440	81,760

NE = not established (an action level for this constituent has not been established by NCDENR); Constituents shaded are above NCDENR's Soil to Water MSCCs. Constituents in the table in red are above Residential MSCCs. Constituents in blue are above Industrial MSCCs. Quantities are reported in mg/kg (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Multiple constituents analyzed as ND in the soil sample are not listed in the above table.

#### 4.2 Groundwater Samples

Six of the groundwater samples (MW-1, MW-2, MW-3, MW-4, MW-6 and Supply Well 4) were analyzed to be above NCDENR's Groundwater Quality Standards (GQS) for at least one volatile constituent.

These six groundwater samples were analyzed to be above NCDENR's GQS for Tetrachloroethene (PCE) and/or Trichloroethene (TCE). PCE and TCE are solvents that are typically used at dry cleaner sites and/or automotive repair shops as parts cleaning chemicals. The PCE and TCE do not appear to be related to the UST system. MW-3 was also analyzed to be above NCDENR's Gross Contamination Levels for PCE.

Groundwater laboratory results compared to NCDENR's Groundwater Quality Standards and NCDENR's Gross Contamination Levels for Groundwater for VOCs using EPA Method 8260 are summarized in Table 2 below.

**Table 2 – 8260 Groundwater Sampling Summary**

EPA 8260 Sample Results (ug/l)										
Sample ID	Acetone	Benzene	Bromodichloromethane	2-Butanone (MEK)	Choloroform	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Ethylbeneze	p-Isopropyltoluene
MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2	ND	ND	ND	ND	1.5	ND	6.0	ND	1.1	ND
MW-3	ND	5.9	ND	ND	14.3	ND	252	5.8	193	ND
MW-4	ND	ND	ND	ND	2.0	ND	1,130	13.7	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND
Supply Well 4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Supply Well 5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Supply Well 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Supply Well at Maintenance Shop	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>NC 2L Groundwater Quality Standards (ug/l)</b>	<b>6000</b>	<b>1</b>	<b>NE</b>	<b>4000</b>	<b>70</b>	<b>6</b>	<b>70</b>	<b>100</b>	<b>600</b>	<b>NE</b>
<b>Gross Contamination Levels for Groundwater (ug/l)</b>	<b>6,000,000</b>	<b>5000</b>	<b>NE</b>	<b>4,000,000</b>	<b>70,000</b>	<b>6000</b>	<b>70,000</b>	<b>100,000</b>	<b>84,500</b>	<b>NE</b>

NE = not established (an action level for this constituent has not been established by NCDENR); Shaded constituents are above NCDENR's Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND, below NCDENR's 2L Standards or a groundwater quality standard has not be current established by NCDENR.

Table 2 (continued) – 8260 Groundwater Sampling Summary

EPA 8260 Sample Results (ug/l)										
Sample ID	Methylene Chloride	Naphthalene	Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	1,2,3-Trichloropropane	Vinyl Acetate	Vinyl Chloride	m&p Xylene	o-xylene
MW-1	ND	ND	128	ND	ND	ND	ND	ND	ND	ND
MW-2	ND	6.6	272	ND	1.7	ND	ND	ND	3.0	3.7
MW-3	ND	191	1310	8.6	108	ND	ND	11.9	686	300
MW-4	ND	ND	134	ND	260	ND	ND	41.3	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	ND	ND	3.7	ND	1.5	ND	ND	ND	ND	ND
Supply Well 4	ND	ND	2.0	ND	ND	ND	ND	ND	ND	ND
Supply Well 5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Supply Well 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Supply Well at Maintenance Shop	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>NC 2L Groundwater Quality Standards (ug/l)</b>	<b>5</b>	<b>6</b>	<b>0.7</b>	<b>600</b>	<b>3</b>	<b>NE</b>	<b>NE</b>	<b>0.03</b>	<b>500</b>	<b>500</b>
<b>Gross Contamination Levels for Groundwater (ug/l)</b>	<b>5000</b>	<b>6000</b>	<b>700</b>	<b>260,000</b>	<b>3000</b>	<b>NE</b>	<b>NE</b>	<b>30</b>	<b>85,500</b>	<b>85,500</b>

NE = not established (an action level for this constituent has not been established by NCDENR); Shaded constituents are above NCDENR's Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND, below NCDENR's 2L Standards or a groundwater quality standard has not be current established by NCDENR.

## 5.0 FINDINGS AND RECOMMENDATIONS

One soil sample (MW-3S) obtained from the boring for groundwater monitoring well MW-3 was analyzed to contain TCE above NCDENR's Soil-to-Water MSCCs and PCE above NCDENR's Industrial/Commercial MSCCs. MW-3S was also analyzed to contain multiple petroleum constituents above NCDENR's Soil-to-Water MSCCs. The other soil samples collected just prior to corresponding groundwater monitoring well installations were analyzed to be below laboratory's method detection limits.

Six of the groundwater samples (MW-1, MW-2, MW-3, MW-4, MW-6 and Supply Well 4) were analyzed to be above NCDENR's Groundwater Quality Standards (GQS) for at least one volatile constituent.

In addition, these six groundwater samples were analyzed to be above NCDENR's GQS for PCE and/or TCE. One groundwater sample (MW-3) was also analyzed to be above NCDENR's Gross Contamination Levels for PCE.

**Report of Limited Solvent Investigation Services**

Goldsboro Milling Company – Feed Mill #1 ■ Goldsboro, NC

December 28, 2011 ■ Terracon Project No. 72117095

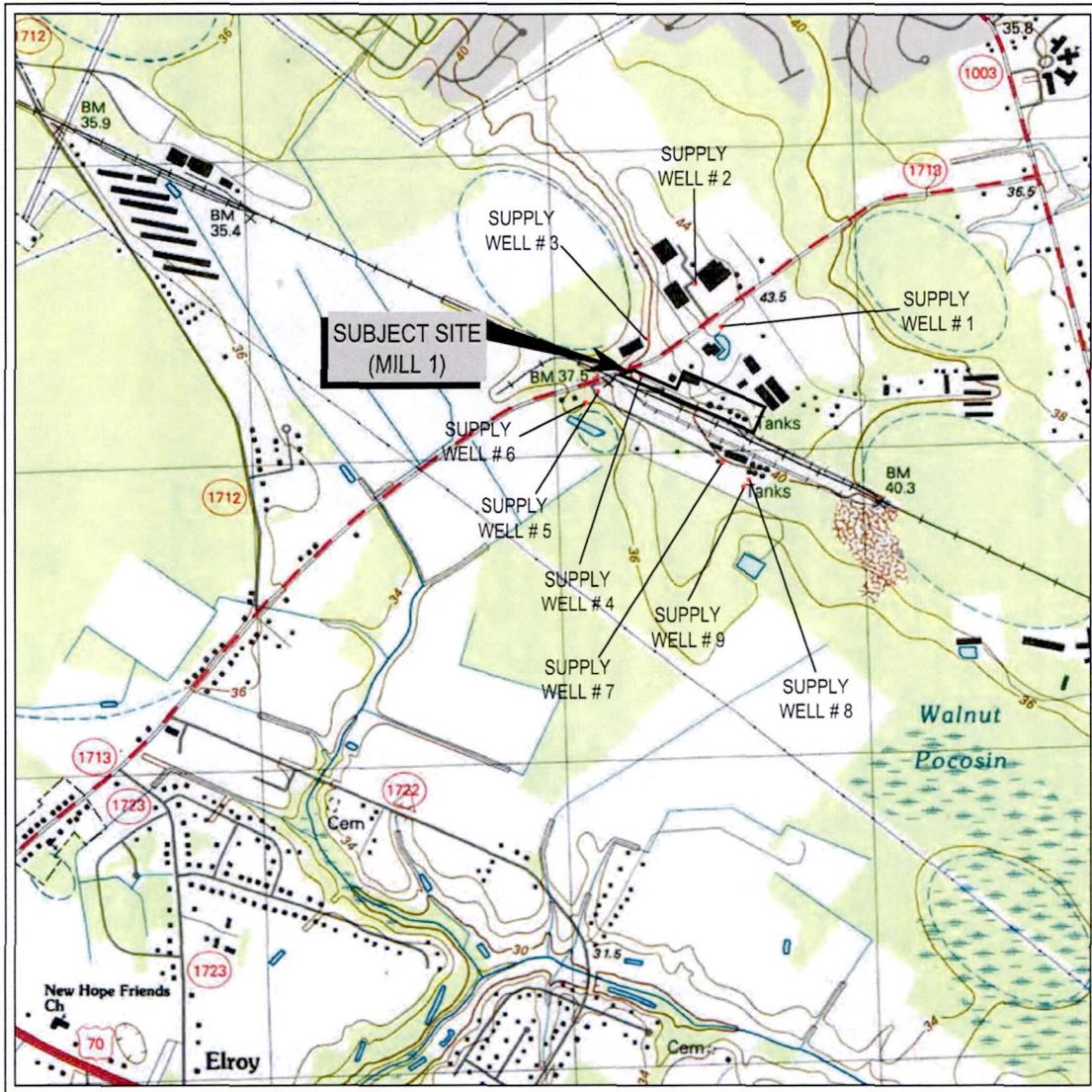


Terracon has defined the extents of the solvent plume. The source of the solvents is still presently unknown, but appears to be either associated with potential truck washing during truck fueling and/or potential equipment cleaning chemicals used in association with the feed lab.

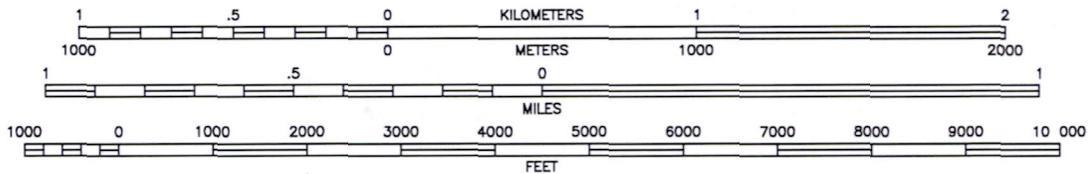
Due to solvent contamination being above NCDENR's GQS being associated with the water supply well at the truck disinfectant sprayer at Mill 1, Terracon recommends that this well be abandoned so that impacted groundwater is not discharged onsite.

We recommend that the results of this investigation be forwarded to NCDENR for review. Based on the results, it is likely that NCDENR will require additional environmental investigations.

**Appendix A**  
**Figures**



SCALE 1:24 000



CONTOUR INTERVAL 5 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 TOPO LINES REPRESENT 5-FOOT CONTOURS

QUADRANGLE  
 SOUTHEAST GOLDSBORO, NC  
 1998  
 7.5 MINUTE SERIES (TOPOGRAPHIC)



Project Mngr:	KAM
Drawn By:	SEG
Checked By:	MRF/KAM
Approved By:	CB

Project No.	72117095
Scale:	AS SHOWN
File No.	LS172117095-1
Date:	DECEMBER 2011

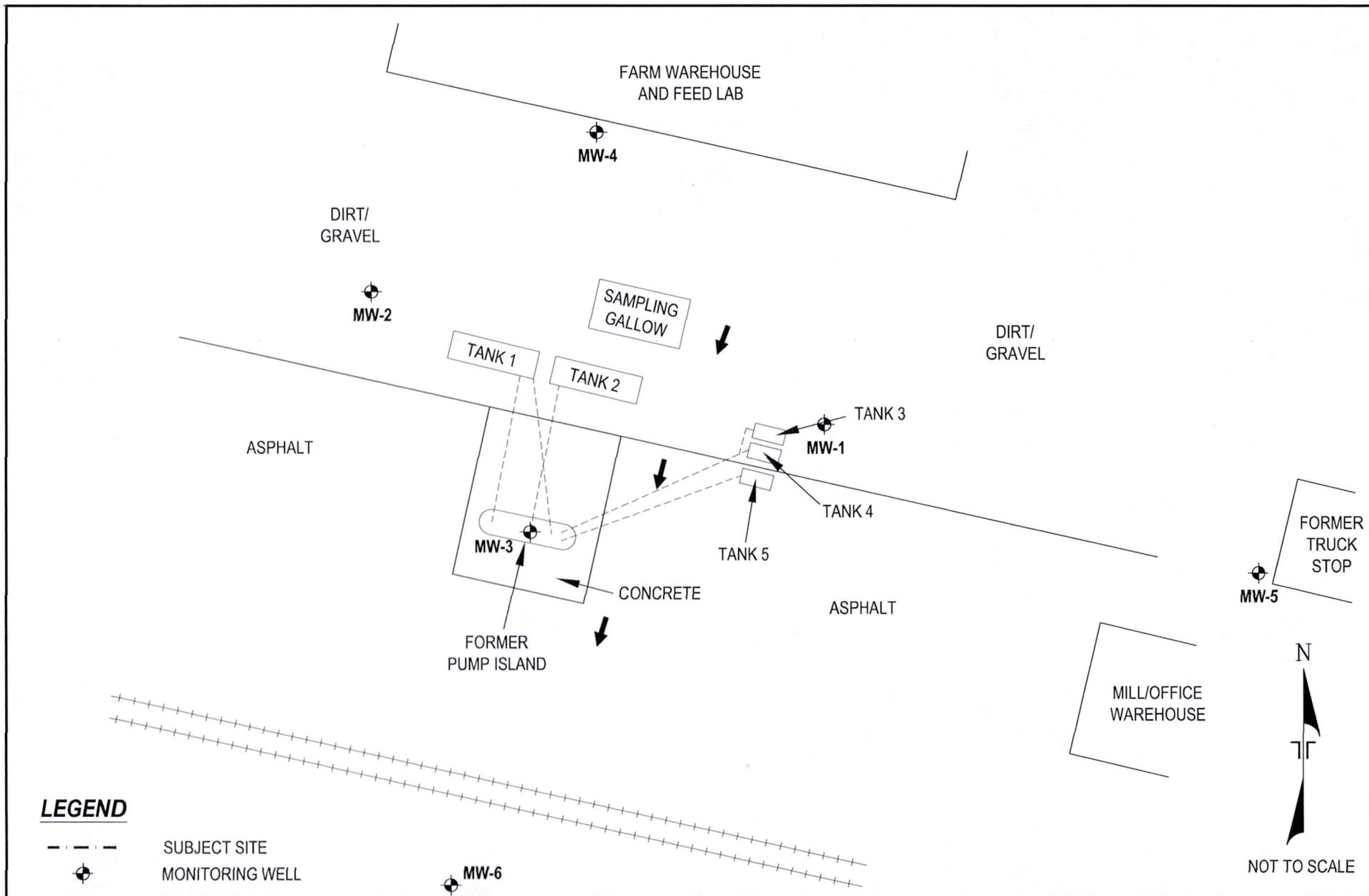
**Terracon**  
 Consulting Engineers and Scientists

314 Beacon Drive Winterville, NC 28590  
 (252) 353-1600 (252) 353-0002

TOPOGRAPHIC VICINITY MAP  
 LIMITED SOLVENT INVESTIGATION  
 GOLDSBORO MILLING COMPANY  
 938 MILLERS CHAPEL ROAD  
 GOLDSBORO, NC

FIG. No.	1
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**LEGEND**

- SUBJECT SITE
- ⊕ MONITORING WELL
- - - - PRODUCT LINES
- + + + + RAILROAD TRACK
- GROUNDWATER FLOW DIRECTION

Project Mgr:	KAM	Project No.	72117095
Drawn By:	TLY	Scale:	AS SHOWN
Checked By:	KAM/MRF	File No.	LSI72117095-3
Approved By:	CB	Date:	NOVEMBER 2011

**Terracon**  
Consulting Engineers and Scientists

314 Beacon Drive      Winterville, NC 28590  
(252) 353-1600      (252) 353-0002

**TANK/SAMPLE LOCATION MAP**  
LIMITED SOLVENT INVESTIGATION  
GOLDSBORO MILLING FEED MILL  
938 MILLERS CHAPEL ROAD  
GOLDSBORO, NC

FIG. No.  
**3**

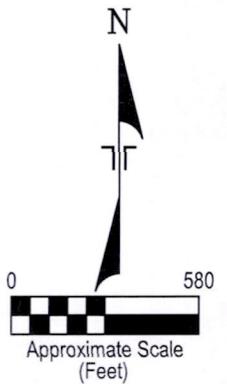
THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES



2010 AERIAL PHOTOGRAPH

**LEGEND**

-  MONITORING WELL
-  SUPPLY WELL



\* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr: KAM	Project No. 72117095	 <b>Terracon</b> Consulting Engineers and Scientists 314 Beacon Drive Winterville, NC 28590 (252) 353-1800 (252) 353-0002	AERIAL PHOTOGRAPH	FIG. No.
Drawn By: TLY	Scale: AS SHOWN		LIMITED SOLVENT INVESTIGATION	2010
Checked By: KAM/MRF	File No. ESA72117095-2010		GOLDSBORO MILLING FEED MILL	
Approved By: CB	Date: DECEMBER 2011		938 MILLERS CHAPEL ROAD	
			GOLDSBORO, NC	

**Appendix B**  
**Well Construction Records**



# NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2035 A

### 1. WELL CONTRACTOR:

Thomas Ammons  
Well Contractor (Individual) Name  
Environmental Hydrogeological Consultants, Inc  
Well Contractor Company Name  
207 West Fourth Avenue  
Street Address  
Red Springs NC 28377  
City or Town State Zip Code

(910) 843-4456  
Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_

OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_

SITE WELL ID #(if applicable) MW-1

3. WELL USE (Check One Box) Monitoring  Municipal/Public

Industrial/Commercial  Agricultural  Recovery  Injection

Irrigation  Other  (list use) \_\_\_\_\_

DATE DRILLED 11/16/11

### 4. WELL LOCATION:

938 Millers Chapel Rd.  
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Goldsboro, NC COUNTY Wayne

TOPOGRAPHIC / LAND SETTING: (check appropriate box)

Slope  Valley  Flat  Ridge  Other \_\_\_\_\_

LATITUDE 35 21 49.0500 " DMS OR 3x.XXXXXXXXXX DD

LONGITUDE 77 53 23.6000 " DMS OR 7x.XXXXXXXXXX DD

Latitude/longitude source:  GPS  Topographic map  
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. FACILITY (Name of the business where the well is located.)

Goldsboro Milling  
Facility Name Facility ID# (if applicable)

938 Millers Chapel Rd.  
Street Address

Goldsboro NC 27534  
City or Town State Zip Code

Allen McColl  
Contact Name

314 Beacon Drive  
Mailing Address

Winterville  
City or Town State Zip Code

(252) 341-5480  
Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 15

b. DOES WELL REPLACE EXISTING WELL? YES  NO

c. WATER LEVEL Below Top of Casing: \_\_\_\_\_ FT  
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface\*

\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): \_\_\_\_\_ METHOD OF TEST \_\_\_\_\_

f. DISINFECTION: Type \_\_\_\_\_ Amount \_\_\_\_\_

g. WATER ZONES (depth):

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING: Depth Diameter Thickness/Weight Material

Top 0 Bottom 5 Ft. 2 \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

8. GROUT: Depth Material Method

Top 0 Bottom 2 Ft. concrete \_\_\_\_\_

Top 2 Bottom 4 Ft. benetone \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

9. SCREEN: Depth Diameter Slot Size Material

Top 5 Bottom 15 Ft. 2 in. \_\_\_\_\_ in. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

10. SAND/GRAVEL PACK: Depth Size Material

Top 4 Bottom 15 Ft. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

11. DRILLING LOG Top Bottom Formation Description

0 / 1ft asphalt

1ft / 3ft coarse sandy loam fill material

3ft / 8ft coarse sand brown

8ft / 10ft beige coarse sand

10ft / 15ft medium coarse saturated sand

/ / \_\_\_\_\_

/ / \_\_\_\_\_

/ / \_\_\_\_\_

/ / \_\_\_\_\_

/ / \_\_\_\_\_

/ / \_\_\_\_\_

### 12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C WELL CONSTRUCTION STANDARDS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Thomas Ammons 11/16/11  
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Thomas Ammons  
PRINTED NAME OF PERSON CONSTRUCTING THE WELL



# NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2035 A

### 1. WELL CONTRACTOR:

Thomas Ammons

Well Contractor (Individual) Name

Environmental Hydrogeological Consultants, Inc

Well Contractor Company Name

207 West Fourth Avenue

Street Address

Red Springs

NC

28377

City or Town

State

Zip Code

(910) 843-4456

Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_

OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_

SITE WELL ID #(if applicable) MW-2

3. WELL USE (Check One Box) Monitoring  Municipal/Public

Industrial/Commercial  Agricultural  Recovery  Injection

Irrigation  Other  (list use) \_\_\_\_\_

DATE DRILLED 11/16/11

### 4. WELL LOCATION:

938 Millers Chapel Rd.

(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Goldsboro, NC COUNTY Wavne

TOPOGRAPHIC / LAND SETTING: (check appropriate box)

Slope  Valley  Flat  Ridge  Other \_\_\_\_\_

LATITUDE 35 21 49.3900 " DMS OR 3x.xxxxxxxx DD

LONGITUDE 77 53 24.8000 " DMS OR 7x.xxxxxxxx DD

Latitude/longitude source:  GPS  Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. FACILITY (Name of the business where the well is located)

Goldsboro Milling

Facility Name Facility ID# (if applicable)

938 Millers Chapel Rd.

Street Address

Goldsboro

NC

27534

City or Town

State

Zip Code

Allen McColl

Contact Name

314 Beacon Drive

Mailing Address

Winterville

City or Town

State

Zip Code

252 341-5480

Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 15

b. DOES WELL REPLACE EXISTING WELL? YES  NO

c. WATER LEVEL Below Top of Casing: \_\_\_\_\_ FT  
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface\*

\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): \_\_\_\_\_ METHOD OF TEST \_\_\_\_\_

f. DISINFECTION: Type \_\_\_\_\_ Amount \_\_\_\_\_

g. WATER ZONES (depth):

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING: Depth Diameter Thickness/Weight Material

Top 0 Bottom 5 Ft. 2 \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

8. GROUT: Depth Material Method

Top 0 Bottom 2 Ft. concrete \_\_\_\_\_

Top 2 Bottom 4 Ft. bentonite \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

9. SCREEN: Depth Diameter Slot Size Material

Top 5 Bottom 15 Ft. 2 in. \_\_\_\_\_ in. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

10. SAND/GRAVEL PACK: Depth Size Material

Top 4 Bottom 15 Ft. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_

11. DRILLING LOG Top Bottom Formation Description

0 / 1ft asphalt

1ft / 3ft coarse sandy loam fill material

3ft / 8ft coarse sand brown

8ft / 10ft beige coarse sand

10ft / 15ft medium coarse saturated sand

\_\_\_\_\_

\_\_\_\_\_

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12. REMARKS:

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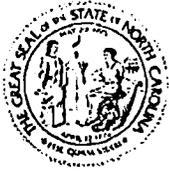
\_\_\_\_\_

\_\_\_\_\_

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C WELL CONSTRUCTION STANDARDS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Thomas Ammons 11/16/11  
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Thomas Ammons  
PRINTED NAME OF PERSON CONSTRUCTING THE WELL



# NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2035 A

### 1. WELL CONTRACTOR:

Thomas Ammons  
Well Contractor (Individual) Name  
Environmental Hydrogeological Consultants, Inc  
Well Contractor Company Name  
207 West Fourth Avenue  
Street Address  
Red Springs NC 28377  
City or Town State Zip Code

(910) 843-4456  
Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_  
OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_  
SITE WELL ID #(if applicable) MW-3

3. WELL USE (Check One Box) Monitoring  Municipal/Public   
Industrial/Commercial  Agricultural  Recovery  Injection   
Irrigation  Other  (list use) \_\_\_\_\_  
DATE DRILLED 11/16/11

### 4. WELL LOCATION:

938 Millers Chapel Rd.  
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)  
CITY: Goldsboro, NC COUNTY Wavne  
TOPOGRAPHIC / LAND SETTING: (check appropriate box)  
 Slope  Valley  Flat  Ridge  Other \_\_\_\_\_  
LATITUDE 35 21 48 8100 \* DMS OR 3x.xxxxxxxx DD  
LONGITUDE 77 53 24 7300 \* DMS OR 7x.xxxxxxxx DD  
Latitude/longitude source:  GPS  Topographic map  
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. FACILITY (Name of the business where the well is located )

Goldsboro Millina  
Facility Name Facility ID# (if applicable) \_\_\_\_\_  
938 Millers Chapel Rd.  
Street Address  
Goldsboro NC 27534  
City or Town State Zip Code  
Allen McColl  
Contact Name  
314 Beacon Drive  
Mailing Address  
Winterville  
City or Town State Zip Code

2526 341-5480  
Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 15  
b. DOES WELL REPLACE EXISTING WELL? YES  NO   
c. WATER LEVEL Below Top of Casing \_\_\_\_\_ FT  
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface\*  
\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): \_\_\_\_\_ METHOD OF TEST \_\_\_\_\_

f. DISINFECTION: Type \_\_\_\_\_ Amount \_\_\_\_\_

g. WATER ZONES (depth):  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING:	Depth	Diameter	Thickness/Weight	Material
Top	<u>0</u>	Bottom <u>5</u>	Ft. <u>2</u>	
Top		Bottom	Ft.	
Top		Bottom	Ft.	

8. GROUT:	Depth	Material	Method
Top	<u>0</u>	Bottom <u>2</u>	Ft. <u>concrete</u>
Top	<u>2</u>	Bottom <u>4</u>	Ft. <u>bentonite</u>
Top		Bottom	Ft.

9. SCREEN:	Depth	Diameter	Slot Size	Material
Top	<u>5</u>	Bottom <u>15</u>	Ft. <u>2</u> in	
Top		Bottom	Ft. in	
Top		Bottom	Ft. in	

10. SAND/GRAVEL PACK:	Depth	Size	Material
Top	<u>4</u>	Bottom <u>15</u>	Ft.
Top		Bottom	Ft.
Top		Bottom	Ft.

11. DRILLING LOG	Top	Bottom	Formation Description
	<u>0</u>	<u>/ 1ft</u>	<u>asphalt</u>
	<u>1ft</u>	<u>/ 3ft</u>	<u>coarse sandy loam fill material</u>
	<u>3ft</u>	<u>/ 8ft</u>	<u>coarse sand brown</u>
	<u>8ft</u>	<u>/ 10ft</u>	<u>beige coarse sand</u>
	<u>10ft</u>	<u>/ 15ft</u>	<u>medium coarse saturated sand</u>

12. REMARKS:  
  
I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH SA NCAC 2C .0118 WELL CONSTRUCTION STANDARDS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.  
[Signature] 11/16/11  
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Thomas Ammons  
PRINTED NAME OF PERSON CONSTRUCTING THE WELL



# NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2035 A

### 1. WELL CONTRACTOR:

Thomas Ammons  
Well Contractor (Individual) Name  
Environmental Hydrogeological Consultants, Inc  
Well Contractor Company Name  
207 West Fourth Avenue  
Street Address  
Red Springs NC 28377  
City or Town State Zip Code  
(910) 843-4456  
Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_  
OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_  
SITE WELL ID #(if applicable) MW-4

3. WELL USE (Check One Box) Monitoring  Municipal/Public   
Industrial/Commercial  Agricultural  Recovery  Injection   
Irrigation  Other  (list use) \_\_\_\_\_  
DATE DRILLED 11/16/11

### 4. WELL LOCATION:

938 Millers Chapel Rd.  
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)  
CITY: Goldsboro, NC COUNTY Wavne  
TOPOGRAPHIC / LAND SETTING: (check appropriate box)  
 Slope  Valley  Flat  Ridge  Other \_\_\_\_\_  
LATITUDE 35 21 50.0300 \* DMS OR 3x.xxxxxxxx DD  
LONGITUDE 77 53 23.9000 \* DMS OR 7x.xxxxxxxx DD  
Latitude/longitude source:  GPS  Topographic map  
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. FACILITY (Name of the business where the well is located.)

Goldsboro Milling  
Facility Name Facility ID# (if applicable) \_\_\_\_\_  
938 Millers Chapel Rd.  
Street Address  
Goldsboro NC 27534  
City or Town State Zip Code  
Allen McColl  
Contact Name  
314 Beacon Drive  
Mailing Address  
Winterville  
City or Town State Zip Code  
252.6 341-5480  
Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 15  
b. DOES WELL REPLACE EXISTING WELL? YES  NO   
c. WATER LEVEL Below Top of Casing: \_\_\_\_\_ FT  
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface\*  
\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): \_\_\_\_\_ METHOD OF TEST \_\_\_\_\_

f. DISINFECTION: Type \_\_\_\_\_ Amount \_\_\_\_\_

g. WATER ZONES (depth):  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING:	Depth	Diameter	Thickness/Weight	Material
Top	<u>0</u>	Bottom <u>5</u>	Ft. <u>2</u>	
Top		Bottom	Ft.	
Top		Bottom	Ft.	

8. GROUT:	Depth	Material	Method
Top	<u>0</u>	Bottom <u>2</u>	Ft. <u>concrete</u>
Top	<u>2</u>	Bottom <u>4</u>	Ft. <u>bentonite</u>
Top		Bottom	Ft.

9. SCREEN:	Depth	Diameter	Slot Size	Material
Top	<u>5</u>	Bottom <u>15</u>	Ft. <u>2</u> in.	in.
Top		Bottom	Ft.	in.
Top		Bottom	Ft.	in.

10. SAND/GRAVEL PACK:	Depth	Size	Material
Top	<u>4</u>	Bottom <u>15</u>	Ft.
Top		Bottom	Ft.
Top		Bottom	Ft.

11. DRILLING LOG	Top	Bottom	Formation Description
	<u>0</u>	<u>/ 1ft</u>	<u>asphalt</u>
	<u>1ft</u>	<u>/ 3ft</u>	<u>coarse sandy loam fill material</u>
	<u>3ft</u>	<u>/ 8ft</u>	<u>coarse sand brown</u>
	<u>8ft</u>	<u>/ 10ft</u>	<u>beige coarse sand</u>
	<u>10ft</u>	<u>/ 15ft</u>	<u>medium coarse saturated sand</u>

### 12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH THE NCAC 2C WELL CONSTRUCTION STANDARDS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR Thomas Ammons DATE 11/16/11

PRINTED NAME OF PERSON CONSTRUCTING THE WELL Thomas Ammons



# NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2035 A

### 1. WELL CONTRACTOR:

Thomas Ammons  
Well Contractor (Individual) Name  
Environmental Hydrogeological Consultants, Inc  
Well Contractor Company Name  
207 West Fourth Avenue  
Street Address  
Red Springs NC 28377  
City or Town State Zip Code

(910) 843-4456  
Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_  
OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_  
SITE WELL ID #(if applicable) MW-5

3. WELL USE (Check One Box) Monitoring  Municipal/Public   
Industrial/Commercial  Agricultural  Recovery  Injection   
Irrigation  Other  (list use) \_\_\_\_\_  
DATE DRILLED 11/16/11

### 4. WELL LOCATION:

938 Millers Chapel Rd.  
(Street Name, Numbers, Community Subdivision, Lot No., Parcel, Zip Code)  
CITY: Goldsboro, NC COUNTY Wavne  
TOPOGRAPHIC / LAND SETTING: (check appropriate box)  
 Slope  Valley  Flat  Ridge  Other \_\_\_\_\_  
LATITUDE 35 ° 21 ' 48 3800 " DMS OR 3X.XXXXXXXX DD  
LONGITUDE 77 ° 53 ' 19 2500 " DMS OR 7X.XXXXXXXX DD  
Latitude/longitude source:  GPS  Topographic map  
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. FACILITY (Name of the business where the well is located )

Goldsboro Milling  
Facility Name Facility ID# (if applicable) \_\_\_\_\_  
938 Millers Chapel Rd.  
Street Address  
Goldsboro NC 27534  
City or Town State Zip Code  
Allen McColl  
Contact Name  
314 Beacon Drive  
Mailing Address  
Winterville  
City or Town State Zip Code  
252.6 341-5480  
Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 15  
b. DOES WELL REPLACE EXISTING WELL? YES  NO   
c. WATER LEVEL Below Top of Casing \_\_\_\_\_ FT  
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface\*  
\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118

e. YIELD (gpm): \_\_\_\_\_ METHOD OF TEST \_\_\_\_\_  
f. DISINFECTION: Type \_\_\_\_\_ Amount \_\_\_\_\_  
g. WATER ZONES (depth):  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING:	Depth	Diameter	Thickness/Weight	Material
Top	<u>0</u>	Bottom <u>5</u>	Ft. <u>2</u>	
Top		Bottom	Ft.	
Top		Bottom	Ft.	

8. GROUT:	Depth	Material	Method
Top	<u>0</u>	Bottom <u>2</u>	Ft. <u>concrete</u>
Top	<u>2</u>	Bottom <u>4</u>	Ft. <u> Bentonite</u>
Top		Bottom	Ft.

9. SCREEN:	Depth	Diameter	Slot Size	Material
Top	<u>5</u>	Bottom <u>15</u>	Ft. <u>2</u> in.	
Top		Bottom	Ft. in.	
Top		Bottom	Ft. in.	

10. SAND/GRAVEL PACK:	Depth	Size	Material
Top	<u>4</u>	Bottom <u>15</u>	Ft.
Top		Bottom	Ft.
Top		Bottom	Ft.

11. DRILLING LOG	Top	Bottom	Formation Description
	<u>0</u>	<u>1ft</u>	<u>asphalt</u>
	<u>1ft</u>	<u>3ft</u>	<u>coarse sandy loam fill material</u>
	<u>3ft</u>	<u>8ft</u>	<u>coarse sand brown</u>
	<u>8ft</u>	<u>10ft</u>	<u>beige coarse sand</u>
	<u>10ft</u>	<u>15ft</u>	<u>medium coarse saturated sand</u>

### 12. REMARKS:

DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH THE N.C. WELL CONSTRUCTION STANDARDS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

SIGNATURE OF CERTIFIED WELL CONTRACTOR Thomas Ammons DATE 11/16/11

PRINTED NAME OF PERSON CONSTRUCTING THE WELL Thomas Ammons



# NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2035 A

### 1. WELL CONTRACTOR:

Thomas Ammons  
Well Contractor (Individual) Name  
Environmental Hydrogeological Consultants, Inc  
Well Contractor Company Name  
207 West Fourth Avenue  
Street Address  
Red Springs NC 28377  
City or Town State Zip Code

(910) 843-4456  
Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_  
OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_  
SITE WELL ID #(if applicable) MW-6

3. WELL USE (Check One Box) Monitoring  Municipal/Public   
Industrial/Commercial  Agricultural  Recovery  Injection   
Irrigation  Other  (list use) \_\_\_\_\_  
DATE DRILLED 11/22/11

### 4. WELL LOCATION:

938 Millers Chapel Rd.  
(Street Name Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)  
CITY: Goldsboro, NC COUNTY Wayne  
TOPOGRAPHIC / LAND SETTING: (check appropriate box)  
 Slope  Valley  Flat  Ridge  Other \_\_\_\_\_  
LATITUDE 35 ° 21 ' 45 7200 " DMS OR 3X.XXXXXXXX DD  
LONGITUDE 77 ° 53 ' 26 3700 " DMS OR 7X.XXXXXXXX DD  
Latitude/longitude source:  GPS  Topographic map  
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. FACILITY (Name of the business where the well is located )

Goldsboro Milling  
Facility Name Facility ID# (if applicable)  
938 Millers Chapel Rd.  
Street Address  
Goldsboro NC 27534  
City or Town State Zip Code  
Allen McColl  
Contact Name  
314 Beacon Drive  
Mailing Address  
Winterville  
City or Town State Zip Code

252.6 341-5480  
Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 15  
b. DOES WELL REPLACE EXISTING WELL? YES  NO   
c. WATER LEVEL Below Top of Casing \_\_\_\_\_ FT  
(Use "-" if Above Top of Casing)

d. TOP OF CASING IS 0 FT Above Land Surface\*  
\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): \_\_\_\_\_ METHOD OF TEST \_\_\_\_\_

f. DISINFECTION: Type \_\_\_\_\_ Amount \_\_\_\_\_

g. WATER ZONES (depth):  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING: Depth	Diameter	Thickness/Weight	Material
Top <u>0</u> Bottom <u>5</u> Ft <u>2</u>			
Top _____ Bottom _____ Ft _____			
Top _____ Bottom _____ Ft _____			

8. GROUT: Depth	Material	Method
Top <u>0</u> Bottom <u>2</u> Ft. <u>concrete</u>		
Top <u>2</u> Bottom <u>4</u> Ft. <u>bentonite</u>		
Top _____ Bottom _____ Ft. _____		

9. SCREEN: Depth	Diameter	Slot Size	Material
Top <u>5</u> Bottom <u>15</u> Ft. <u>2</u> in _____ in _____			
Top _____ Bottom _____ Ft. _____ in _____ in _____			
Top _____ Bottom _____ Ft. _____ in _____ in _____			

10. SAND/GRAVEL PACK: Depth	Size	Material
Top <u>4</u> Bottom <u>15</u> Ft _____		
Top _____ Bottom _____ Ft _____		
Top _____ Bottom _____ Ft _____		

11. DRILLING LOG	Formation Description
Top _____ Bottom _____	
<u>0 / 5ft</u>	<u>coarse grey loam fill material</u>
<u>5ft / 10ft</u>	<u>coarse brown sand</u>
<u>10ft / 15ft</u>	<u>beige medium coarse saturated sand</u>
_____ / _____	_____
_____ / _____	_____
_____ / _____	_____
_____ / _____	_____
_____ / _____	_____
_____ / _____	_____

### 12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR Thomas Ammons DATE 11/22/11

PRINTED NAME OF PERSON CONSTRUCTING THE WELL Thomas Ammons

**Appendix C**  
**Laboratory Data Sheets and Chain-of-Custody**



Pace Analytical Services, Inc.  
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(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

November 21, 2011

Mr. Carl Bonner  
Terracon  
314 Beacon Drive  
Winterville, NC 28590

RE: Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

Dear Mr. Bonner:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring

kevin.herring@pacelabs.com  
Project Manager

Enclosures



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## CERTIFICATIONS

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

### Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078  
North Carolina Drinking Water Certification #: 37706  
North Carolina Field Services Certification #: 5342  
North Carolina Wastewater Certification #: 12  
South Carolina Certification #: 99006001  
South Carolina Drinking Water Cert. #: 99006003  
Virginia Drinking Water Certification #: 00213

Connecticut Certification #: PH-0104  
Florida/NELAP Certification #: E87627  
Kentucky UST Certification #: 84  
Louisiana DHH Drinking Water # LA 100031  
West Virginia Certification #: 357  
Virginia/VELAP Certification #: 460144

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**SAMPLE ANALYTE COUNT**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92106721001	MW-1S	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92106721002	MW-2S	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92106721003	MW-3S	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92106721004	MW-1	EPA 8260	MCK	63	PASI-C
92106721005	MW-2	EPA 8260	MCK	63	PASI-C
92106721006	MW-3	EPA 8260	MCK	63	PASI-C
92106721007	Supply Well 4	EPA 8260	MCK	63	PASI-C
92106721008	Supply Well 5	EPA 8260	MCK	63	PASI-C
92106721009	Supply Well 8	EPA 8260	MCK	63	PASI-C
92106721010	Supply Well at Maintenance	EPA 8260	MCK	63	PASI-C

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-1S Lab ID: 92106721001 Collected: 11/16/11 09:15 Received: 11/17/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	90.0	1		11/18/11 15:56	67-64-1	
Benzene	ND	ug/kg	4.5	1		11/18/11 15:56	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		11/18/11 15:56	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		11/18/11 15:56	75-27-4	
Bromoform	ND	ug/kg	4.5	1		11/18/11 15:56	75-25-2	
Bromomethane	ND	ug/kg	9.0	1		11/18/11 15:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	90.0	1		11/18/11 15:56	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1		11/18/11 15:56	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	108-90-7	
Chloroethane	ND	ug/kg	9.0	1		11/18/11 15:56	75-00-3	
Chloroform	ND	ug/kg	4.5	1		11/18/11 15:56	67-66-3	
Chloromethane	ND	ug/kg	9.0	1		11/18/11 15:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		11/18/11 15:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		11/18/11 15:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		11/18/11 15:56	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		11/18/11 15:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		11/18/11 15:56	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		11/18/11 15:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.0	1		11/18/11 15:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		11/18/11 15:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		11/18/11 15:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		11/18/11 15:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		11/18/11 15:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		11/18/11 15:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		11/18/11 15:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		11/18/11 15:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		11/18/11 15:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		11/18/11 15:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		11/18/11 15:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		11/18/11 15:56	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.5	1		11/18/11 15:56	108-20-3	
Ethylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		11/18/11 15:56	87-68-3	
2-Hexanone	ND	ug/kg	45.0	1		11/18/11 15:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		11/18/11 15:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		11/18/11 15:56	99-87-6	
Methylene Chloride	ND	ug/kg	18.0	1		11/18/11 15:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.0	1		11/18/11 15:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		11/18/11 15:56	1634-04-4	

Date: 11/21/2011 02:52 PM

**REPORT OF LABORATORY ANALYSIS**

Page 4 of 36

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-1S Lab ID: 92106721001 Collected: 11/16/11 09:15 Received: 11/17/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Naphthalene	ND	ug/kg	4.5	1		11/18/11 15:56	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	103-65-1	
Styrene	ND	ug/kg	4.5	1		11/18/11 15:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		11/18/11 15:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		11/18/11 15:56	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		11/18/11 15:56	127-18-4	
Toluene	ND	ug/kg	4.5	1		11/18/11 15:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		11/18/11 15:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		11/18/11 15:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		11/18/11 15:56	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		11/18/11 15:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		11/18/11 15:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		11/18/11 15:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		11/18/11 15:56	108-67-8	
Vinyl acetate	ND	ug/kg	45.0	1		11/18/11 15:56	108-05-4	
Vinyl chloride	ND	ug/kg	9.0	1		11/18/11 15:56	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		11/18/11 15:56	1330-20-7	
m&p-Xylene	ND	ug/kg	9.0	1		11/18/11 15:56	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		11/18/11 15:56	95-47-6	
<b>Surrogates</b>								
Dibromofluoromethane (S)	103 %		70-130	1		11/18/11 15:56	1868-53-7	
Toluene-d8 (S)	102 %		70-130	1		11/18/11 15:56	2037-26-5	
4-Bromofluorobenzene (S)	90 %		70-130	1		11/18/11 15:56	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		70-132	1		11/18/11 15:56	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87						
Percent Moisture	13.9 %		0.10	1		11/18/11 08:48		



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-2S Lab ID: 92106721002 Collected: 11/16/11 09:25 Received: 11/17/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	111	1		11/18/11 16:17	67-64-1	
Benzene	ND	ug/kg	5.5	1		11/18/11 16:17	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		11/18/11 16:17	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		11/18/11 16:17	75-27-4	
Bromoform	ND	ug/kg	5.5	1		11/18/11 16:17	75-25-2	
Bromomethane	ND	ug/kg	11.1	1		11/18/11 16:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	111	1		11/18/11 16:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.5	1		11/18/11 16:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	108-90-7	
Chloroethane	ND	ug/kg	11.1	1		11/18/11 16:17	75-00-3	
Chloroform	ND	ug/kg	5.5	1		11/18/11 16:17	67-66-3	
Chloromethane	ND	ug/kg	11.1	1		11/18/11 16:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		11/18/11 16:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		11/18/11 16:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	1		11/18/11 16:17	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	1		11/18/11 16:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		11/18/11 16:17	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		11/18/11 16:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.1	1		11/18/11 16:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		11/18/11 16:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		11/18/11 16:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		11/18/11 16:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		11/18/11 16:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		11/18/11 16:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		11/18/11 16:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		11/18/11 16:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		11/18/11 16:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		11/18/11 16:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		11/18/11 16:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		11/18/11 16:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.5	1		11/18/11 16:17	108-20-3	
Ethylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		11/18/11 16:17	87-68-3	
2-Hexanone	ND	ug/kg	55.4	1		11/18/11 16:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		11/18/11 16:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		11/18/11 16:17	99-87-6	
Methylene Chloride	ND	ug/kg	22.2	1		11/18/11 16:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.4	1		11/18/11 16:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		11/18/11 16:17	1634-04-4	

Date: 11/21/2011 02:52 PM

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-2S Lab ID: 92106721002 Collected: 11/16/11 09:25 Received: 11/17/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Naphthalene	ND	ug/kg	5.5	1		11/18/11 16:17	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	103-65-1	
Styrene	ND	ug/kg	5.5	1		11/18/11 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		11/18/11 16:17	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		11/18/11 16:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		11/18/11 16:17	127-18-4	
Toluene	ND	ug/kg	5.5	1		11/18/11 16:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		11/18/11 16:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		11/18/11 16:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		11/18/11 16:17	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		11/18/11 16:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		11/18/11 16:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		11/18/11 16:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		11/18/11 16:17	108-67-8	
Vinyl acetate	ND	ug/kg	55.4	1		11/18/11 16:17	108-05-4	
Vinyl chloride	ND	ug/kg	11.1	1		11/18/11 16:17	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		11/18/11 16:17	1330-20-7	
m&p-Xylene	ND	ug/kg	11.1	1		11/18/11 16:17	179601-23-1	
o-Xylene	ND	ug/kg	5.5	1		11/18/11 16:17	95-47-6	
<b>Surrogates</b>								
Dibromofluoromethane (S)	102 %		70-130	1		11/18/11 16:17	1868-53-7	
Toluene-d8 (S)	106 %		70-130	1		11/18/11 16:17	2037-26-5	
4-Bromofluorobenzene (S)	92 %		70-130	1		11/18/11 16:17	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		70-132	1		11/18/11 16:17	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87						
Percent Moisture	12.2 %		0.10	1		11/18/11 08:48		



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill

Pace Project No.: 92106721

Sample: MW-3S Lab ID: 92106721003 Collected: 11/16/11 09:35 Received: 11/17/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	33600	250		11/18/11 16:36	67-64-1	
Benzene	ND	ug/kg	1680	250		11/18/11 16:36	71-43-2	
Bromobenzene	ND	ug/kg	1680	250		11/18/11 16:36	108-86-1	
Bromochloromethane	ND	ug/kg	1680	250		11/18/11 16:36	74-97-5	
Bromodichloromethane	ND	ug/kg	1680	250		11/18/11 16:36	75-27-4	
Bromoform	ND	ug/kg	1680	250		11/18/11 16:36	75-25-2	
Bromomethane	ND	ug/kg	3360	250		11/18/11 16:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	33600	250		11/18/11 16:36	78-93-3	
n-Butylbenzene	106000	ug/kg	2850	500		11/19/11 15:18	104-51-8	
sec-Butylbenzene	22800	ug/kg	1680	250		11/18/11 16:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	1680	250		11/18/11 16:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	1680	250		11/18/11 16:36	56-23-5	
Chlorobenzene	ND	ug/kg	1680	250		11/18/11 16:36	108-90-7	
Chloroethane	ND	ug/kg	3360	250		11/18/11 16:36	75-00-3	
Chloroform	ND	ug/kg	1680	250		11/18/11 16:36	67-66-3	
Chloromethane	ND	ug/kg	3360	250		11/18/11 16:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	1680	250		11/18/11 16:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	1680	250		11/18/11 16:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1680	250		11/18/11 16:36	96-12-8	
Dibromochloromethane	ND	ug/kg	1680	250		11/18/11 16:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1680	250		11/18/11 16:36	106-93-4	
Dibromomethane	ND	ug/kg	1680	250		11/18/11 16:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1680	250		11/18/11 16:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1680	250		11/18/11 16:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1680	250		11/18/11 16:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3360	250		11/18/11 16:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1680	250		11/18/11 16:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1680	250		11/18/11 16:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1680	250		11/18/11 16:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1680	250		11/18/11 16:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1680	250		11/18/11 16:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1680	250		11/18/11 16:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1680	250		11/18/11 16:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1680	250		11/18/11 16:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	1680	250		11/18/11 16:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1680	250		11/18/11 16:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1680	250		11/18/11 16:36	10061-02-6	
Diisopropyl ether	ND	ug/kg	1680	250		11/18/11 16:36	108-20-3	
Ethylbenzene	18600	ug/kg	1680	250		11/18/11 16:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1680	250		11/18/11 16:36	87-68-3	
2-Hexanone	ND	ug/kg	16800	250		11/18/11 16:36	591-78-6	
Isopropylbenzene (Cumene)	25800	ug/kg	1680	250		11/18/11 16:36	98-82-8	
p-Isopropyltoluene	56900	ug/kg	1680	250		11/18/11 16:36	99-87-6	
Methylene Chloride	ND	ug/kg	6710	250		11/18/11 16:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16800	250		11/18/11 16:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1680	250		11/18/11 16:36	1634-04-4	

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### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-3S Lab ID: 92106721003 Collected: 11/16/11 09:35 Received: 11/17/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Naphthalene	18200	ug/kg	1680	250		11/18/11 16:36	91-20-3	
n-Propylbenzene	ND	ug/kg	336000	50000		11/20/11 15:06	103-65-1	
Styrene	ND	ug/kg	1680	250		11/18/11 16:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1680	250		11/18/11 16:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1680	250		11/18/11 16:36	79-34-5	
Tetrachloroethene	29200	ug/kg	1680	250		11/18/11 16:36	127-18-4	
Toluene	ND	ug/kg	1680	250		11/18/11 16:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	1680	250		11/18/11 16:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1680	250		11/18/11 16:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1680	250		11/18/11 16:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1680	250		11/18/11 16:36	79-00-5	
Trichloroethene	2830	ug/kg	1680	250		11/18/11 16:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1680	250		11/18/11 16:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1680	250		11/18/11 16:36	96-18-4	
1,2,4-Trimethylbenzene	777000	ug/kg	336000	50000		11/20/11 15:06	95-63-6	
1,3,5-Trimethylbenzene	385000	ug/kg	336000	50000		11/20/11 15:06	108-67-8	
Vinyl acetate	ND	ug/kg	16800	250		11/18/11 16:36	108-05-4	
Vinyl chloride	ND	ug/kg	3360	250		11/18/11 16:36	75-01-4	
Xylene (Total)	100000	ug/kg	3360	250		11/18/11 16:36	1330-20-7	
m&p-Xylene	73700	ug/kg	3360	250		11/18/11 16:36	179601-23-1	
o-Xylene	26300	ug/kg	1680	250		11/18/11 16:36	95-47-6	
<b>Surrogates</b>								
Dibromofluoromethane (S)	93	%	70-130	250		11/18/11 16:36	1868-53-7	
Toluene-d8 (S)	89	%	70-130	250		11/18/11 16:36	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	250		11/18/11 16:36	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-132	250		11/18/11 16:36	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87						
Percent Moisture	12.2	%	0.10	1		11/18/11 08:48		



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-1 Lab ID: 92106721004 Collected: 11/16/11 11:15 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 13:05	67-64-1	
Benzene	ND	ug/L	1.0	1		11/18/11 13:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 13:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 13:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 13:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 13:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 13:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 13:05	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/18/11 13:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 13:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 13:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/18/11 13:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 13:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 13:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 13:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 13:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 13:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 13:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 13:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 13:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 13:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 13:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 13:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 13:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 13:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 13:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/18/11 13:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 13:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 13:05	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 13:05	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 13:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 13:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 13:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/18/11 13:05	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 13:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 13:05	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 13:05	79-34-5	
Tetrachloroethene	128	ug/L	1.0	1		11/18/11 13:05	127-18-4	

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-1	Lab ID: 92106721004	Collected: 11/16/11 11:15	Received: 11/17/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		11/18/11 13:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 13:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 13:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/18/11 13:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 13:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 13:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 13:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/18/11 13:05	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/18/11 13:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/11 13:05	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	88 %		70-130	1		11/18/11 13:05	460-00-4	
Dibromofluoromethane (S)	127 %		70-130	1		11/18/11 13:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	124 %		70-130	1		11/18/11 13:05	17060-07-0	
Toluene-d8 (S)	97 %		70-130	1		11/18/11 13:05	2037-26-5	



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

Sample: MW-2 Lab ID: 92106721005 Collected: 11/16/11 12:00 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 13:30	67-64-1	
Benzene	ND	ug/L	1.0	1		11/18/11 13:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 13:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 13:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 13:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 13:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 13:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 13:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/18/11 13:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 13:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 13:30	75-00-3	
Chloroform	1.5	ug/L	1.0	1		11/18/11 13:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 13:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 13:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 13:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 13:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 13:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 13:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 13:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 13:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 13:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 13:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 13:30	75-35-4	
cis-1,2-Dichloroethene	6.0	ug/L	1.0	1		11/18/11 13:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 13:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 13:30	108-20-3	
Ethylbenzene	1.1	ug/L	1.0	1		11/18/11 13:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 13:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 13:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 13:30	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 13:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 13:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 13:30	1634-04-4	
Naphthalene	6.6	ug/L	1.0	1		11/18/11 13:30	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 13:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 13:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 13:30	79-34-5	
Tetrachloroethene	272	ug/L	10.0	10		11/20/11 06:46	127-18-4	

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### REPORT OF LABORATORY ANALYSIS

Page 12 of 36

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-2		Lab ID: 92106721005	Collected: 11/16/11 12:00	Received: 11/17/11 09:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	ND	ug/L	1.0	1		11/18/11 13:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 13:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 13:30	79-00-5	
Trichloroethene	1.7	ug/L	1.0	1		11/18/11 13:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 13:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 13:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 13:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/18/11 13:30	75-01-4	
m&p-Xylene	3.0	ug/L	2.0	1		11/18/11 13:30	179601-23-1	
o-Xylene	3.7	ug/L	1.0	1		11/18/11 13:30	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	97	%	70-130	1		11/18/11 13:30	460-00-4	
Dibromofluoromethane (S)	127	%	70-130	1		11/18/11 13:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	126	%	70-130	1		11/18/11 13:30	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/11 13:30	2037-26-5	



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

Sample: MW-3 Lab ID: 92106721006 Collected: 11/16/11 13:10 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 13:56	67-64-1	
Benzene	5.9	ug/L	1.0	1		11/18/11 13:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 13:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 13:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 13:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 13:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 13:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 13:56	78-93-3	
Carbon tetrachloride	2.0	ug/L	1.0	1		11/18/11 13:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 13:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 13:56	75-00-3	
Chloroform	14.3	ug/L	1.0	1		11/18/11 13:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 13:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 13:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 13:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 13:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 13:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 13:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 13:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 13:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 13:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 13:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 13:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 13:56	75-35-4	
cis-1,2-Dichloroethene	252	ug/L	10.0	10		11/20/11 07:10	156-59-2	
trans-1,2-Dichloroethene	5.8	ug/L	1.0	1		11/18/11 13:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 13:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 13:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 13:56	108-20-3	
Ethylbenzene	193	ug/L	1.0	1		11/18/11 13:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 13:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 13:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 13:56	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 13:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 13:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 13:56	1634-04-4	
Naphthalene	191	ug/L	1.0	1		11/18/11 13:56	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 13:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 13:56	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 13:56	79-34-5	
Tetrachloroethene	1310	ug/L	10.0	10		11/20/11 07:10	127-18-4	

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: MW-3 Lab ID: 92106721006 Collected: 11/16/11 13:10 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	8.6	ug/L	1.0	1		11/18/11 13:56	108-88-3	
1,2,3-Trichlorobenzene	2.6	ug/L	1.0	1		11/18/11 13:56	87-61-6	
1,2,4-Trichlorobenzene	3.6	ug/L	1.0	1		11/18/11 13:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 13:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 13:56	79-00-5	
Trichloroethene	108	ug/L	1.0	1		11/18/11 13:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 13:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 13:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 13:56	108-05-4	
Vinyl chloride	11.9	ug/L	1.0	1		11/18/11 13:56	75-01-4	
m&p-Xylene	686	ug/L	20.0	10		11/20/11 07:10	179601-23-1	
o-Xylene	300	ug/L	10.0	10		11/20/11 07:10	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	102	%	70-130	1		11/18/11 13:56	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		11/18/11 13:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		11/18/11 13:56	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		11/18/11 13:56	2037-26-5	



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

Sample: Supply Well 4	Lab ID: 92106721007	Collected: 11/16/11 13:35	Received: 11/17/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 14:47	67-64-1	
Benzene	ND	ug/L	1.0	1		11/18/11 14:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 14:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 14:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 14:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 14:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 14:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 14:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/18/11 14:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 14:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 14:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/18/11 14:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 14:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 14:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 14:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 14:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 14:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 14:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 14:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 14:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 14:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 14:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 14:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 14:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 14:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 14:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 14:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 14:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 14:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 14:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 14:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 14:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 14:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 14:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/18/11 14:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 14:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 14:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 14:47	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 14:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 14:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 14:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/18/11 14:47	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 14:47	630-20-6	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 14:47	79-34-5	
Tetrachloroethene	2.0	ug/L	1.0	1		11/18/11 14:47	127-18-4	

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: Supply Well 4 Lab ID: 92106721007 Collected: 11/16/11 13:35 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	ND	ug/L	1.0	1		11/18/11 14:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 14:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 14:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 14:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 14:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/18/11 14:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 14:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 14:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 14:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/18/11 14:47	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/18/11 14:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/11 14:47	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	94 %		70-130	1		11/18/11 14:47	460-00-4	
Dibromofluoromethane (S)	110 %		70-130	1		11/18/11 14:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		70-130	1		11/18/11 14:47	17060-07-0	
Toluene-d8 (S)	94 %		70-130	1		11/18/11 14:47	2037-26-5	



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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: Supply Well 5 Lab ID: 92106721008 Collected: 11/16/11 13:50 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 15:12	67-64-1	
Benzene	ND	ug/L	1.0	1		11/18/11 15:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 15:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 15:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 15:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 15:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 15:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 15:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/18/11 15:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 15:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 15:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/18/11 15:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 15:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 15:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 15:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 15:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 15:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 15:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 15:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 15:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 15:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 15:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 15:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 15:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 15:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 15:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 15:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 15:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 15:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 15:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/18/11 15:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 15:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 15:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 15:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 15:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 15:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/18/11 15:12	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 15:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/18/11 15:12	127-18-4	

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**REPORT OF LABORATORY ANALYSIS**

Page 18 of 36

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: Supply Well 5      Lab ID: 92106721008      Collected: 11/16/11 13:50      Received: 11/17/11 09:30      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	ND	ug/L	1.0	1		11/18/11 15:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 15:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 15:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/18/11 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 15:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 15:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 15:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/18/11 15:12	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/18/11 15:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/11 15:12	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	92 %		70-130	1		11/18/11 15:12	460-00-4	
Dibromofluoromethane (S)	113 %		70-130	1		11/18/11 15:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	107 %		70-130	1		11/18/11 15:12	17060-07-0	
Toluene-d8 (S)	95 %		70-130	1		11/18/11 15:12	2037-26-5	



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### ANALYTICAL RESULTS

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: Supply Well 8 Lab ID: 92106721009 Collected: 11/16/11 14:05 Received: 11/17/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 15:37	67-64-1	
Benzene	ND	ug/L	1.0	1		11/18/11 15:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 15:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 15:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 15:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 15:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 15:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 15:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/18/11 15:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 15:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 15:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/18/11 15:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 15:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 15:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 15:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 15:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 15:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 15:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 15:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 15:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 15:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 15:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 15:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 15:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 15:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 15:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 15:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/18/11 15:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 15:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 15:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 15:37	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 15:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 15:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 15:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/18/11 15:37	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 15:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/18/11 15:37	127-18-4	

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: Supply Well 8</b>		<b>Lab ID: 92106721009</b>		Collected: 11/16/11 14:05	Received: 11/17/11 09:30	Matrix: Water		
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	ND	ug/L	1.0	1		11/18/11 15:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 15:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/18/11 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 15:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 15:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 15:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/18/11 15:37	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/18/11 15:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/11 15:37	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	92 %		70-130	1		11/18/11 15:37	460-00-4	
Dibromofluoromethane (S)	115 %		70-130	1		11/18/11 15:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	112 %		70-130	1		11/18/11 15:37	17060-07-0	
Toluene-d8 (S)	95 %		70-130	1		11/18/11 15:37	2037-26-5	



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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: Supply Well at Maintenance      Lab ID: 92106721010      Collected: 11/16/11 14:20      Received: 11/17/11 09:30      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/18/11 16:03	67-64-1	
Benzene	ND	ug/L	1.0	1		11/18/11 16:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/18/11 16:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/18/11 16:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/18/11 16:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/18/11 16:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/18/11 16:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/18/11 16:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/18/11 16:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/18/11 16:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/18/11 16:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/18/11 16:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/18/11 16:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 16:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/18/11 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/18/11 16:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/18/11 16:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/18/11 16:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/18/11 16:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 16:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/18/11 16:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/18/11 16:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/18/11 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/18/11 16:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/18/11 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/18/11 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 16:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/18/11 16:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/18/11 16:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/18/11 16:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/18/11 16:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/18/11 16:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/18/11 16:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/18/11 16:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/18/11 16:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/18/11 16:03	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/18/11 16:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/18/11 16:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/18/11 16:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/18/11 16:03	91-20-3	
Styrene	ND	ug/L	1.0	1		11/18/11 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 16:03	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/18/11 16:03	79-34-5	

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**REPORT OF LABORATORY ANALYSIS**

Page 22 of 36

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Sample: Supply Well at Maintenance      Lab ID: 92106721010      Collected: 11/16/11 14:20      Received: 11/17/11 09:30      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Tetrachloroethene	ND	ug/L	1.0	1		11/18/11 16:03	127-18-4	
Toluene	ND	ug/L	1.0	1		11/18/11 16:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 16:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/18/11 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/18/11 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/18/11 16:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/18/11 16:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/18/11 16:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/18/11 16:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/18/11 16:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/18/11 16:03	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/18/11 16:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/11 16:03	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	91	%	70-130	1		11/18/11 16:03	460-00-4	
Dibromofluoromethane (S)	120	%	70-130	1		11/18/11 16:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	116	%	70-130	1		11/18/11 16:03	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		11/18/11 16:03	2037-26-5	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

QC Batch: MSV/17373 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level  
 Associated Lab Samples: 92106721004, 92106721005, 92106721006, 92106721007, 92106721008, 92106721009, 92106721010

METHOD BLANK: 689079 Matrix: Water  
 Associated Lab Samples: 92106721004, 92106721005, 92106721006, 92106721007, 92106721008, 92106721009, 92106721010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/18/11 10:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/18/11 10:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/18/11 10:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/18/11 10:58	
1,1-Dichloroethane	ug/L	ND	1.0	11/18/11 10:58	
1,1-Dichloroethene	ug/L	ND	1.0	11/18/11 10:58	
1,1-Dichloropropene	ug/L	ND	1.0	11/18/11 10:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/18/11 10:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/18/11 10:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/18/11 10:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	11/18/11 10:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/18/11 10:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/18/11 10:58	
1,2-Dichloroethane	ug/L	ND	1.0	11/18/11 10:58	
1,2-Dichloropropane	ug/L	ND	1.0	11/18/11 10:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/18/11 10:58	
1,3-Dichloropropane	ug/L	ND	1.0	11/18/11 10:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/18/11 10:58	
2,2-Dichloropropane	ug/L	ND	1.0	11/18/11 10:58	
2-Butanone (MEK)	ug/L	ND	5.0	11/18/11 10:58	
2-Chlorotoluene	ug/L	ND	1.0	11/18/11 10:58	
2-Hexanone	ug/L	ND	5.0	11/18/11 10:58	
4-Chlorotoluene	ug/L	ND	1.0	11/18/11 10:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/18/11 10:58	
Acetone	ug/L	ND	25.0	11/18/11 10:58	
Benzene	ug/L	ND	1.0	11/18/11 10:58	
Bromobenzene	ug/L	ND	1.0	11/18/11 10:58	
Bromochloromethane	ug/L	ND	1.0	11/18/11 10:58	
Bromodichloromethane	ug/L	ND	1.0	11/18/11 10:58	
Bromoform	ug/L	ND	1.0	11/18/11 10:58	
Bromomethane	ug/L	ND	2.0	11/18/11 10:58	
Carbon tetrachloride	ug/L	ND	1.0	11/18/11 10:58	
Chlorobenzene	ug/L	ND	1.0	11/18/11 10:58	
Chloroethane	ug/L	ND	1.0	11/18/11 10:58	
Chloroform	ug/L	ND	1.0	11/18/11 10:58	
Chloromethane	ug/L	ND	1.0	11/18/11 10:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/18/11 10:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/18/11 10:58	
Dibromochloromethane	ug/L	ND	1.0	11/18/11 10:58	
Dibromomethane	ug/L	ND	1.0	11/18/11 10:58	
Dichlorodifluoromethane	ug/L	ND	1.0	11/18/11 10:58	
Diisopropyl ether	ug/L	ND	1.0	11/18/11 10:58	
Ethylbenzene	ug/L	ND	1.0	11/18/11 10:58	

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

METHOD BLANK: 689079 Matrix: Water  
 Associated Lab Samples: 92106721004, 92106721005, 92106721006, 92106721007, 92106721008, 92106721009, 92106721010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/18/11 10:58	
m&p-Xylene	ug/L	ND	2.0	11/18/11 10:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	11/18/11 10:58	
Methylene Chloride	ug/L	ND	2.0	11/18/11 10:58	
Naphthalene	ug/L	ND	1.0	11/18/11 10:58	
o-Xylene	ug/L	ND	1.0	11/18/11 10:58	
p-Isopropyltoluene	ug/L	ND	1.0	11/18/11 10:58	
Styrene	ug/L	ND	1.0	11/18/11 10:58	
Tetrachloroethene	ug/L	ND	1.0	11/18/11 10:58	
Toluene	ug/L	ND	1.0	11/18/11 10:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/18/11 10:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/18/11 10:58	
Trichloroethene	ug/L	ND	1.0	11/18/11 10:58	
Trichlorofluoromethane	ug/L	ND	1.0	11/18/11 10:58	
Vinyl acetate	ug/L	ND	2.0	11/18/11 10:58	
Vinyl chloride	ug/L	ND	1.0	11/18/11 10:58	
1,2-Dichloroethane-d4 (S)	%	117	70-130	11/18/11 10:58	
4-Bromofluorobenzene (S)	%	93	70-130	11/18/11 10:58	
Dibromofluoromethane (S)	%	118	70-130	11/18/11 10:58	
Toluene-d8 (S)	%	96	70-130	11/18/11 10:58	

LABORATORY CONTROL SAMPLE: 689080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	70-130	
1,1,1-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	70-130	
1,1,2-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethene	ug/L	50	52.0	104	70-132	
1,1-Dichloropropene	ug/L	50	54.2	108	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.9	98	70-135	
1,2,3-Trichloropropane	ug/L	50	46.9	94	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	50.5	101	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	70-130	
1,2-Dichlorobenzene	ug/L	50	53.2	106	70-130	
1,2-Dichloroethane	ug/L	50	50.3	101	70-130	
1,2-Dichloropropane	ug/L	50	52.4	105	70-130	
1,3-Dichlorobenzene	ug/L	50	53.2	106	70-130	
1,3-Dichloropropane	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	52.4	105	58-145	
2-Butanone (MEK)	ug/L	100	122	122	70-145	
2-Chlorotoluene	ug/L	50	56.8	114	70-130	

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

LABORATORY CONTROL SAMPLE: 689080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	105	105	70-144	
4-Chlorotoluene	ug/L	50	56.3	113	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-140	
Acetone	ug/L	100	107	107	50-175	F3
Benzene	ug/L	50	52.7	105	70-130	
Bromobenzene	ug/L	50	54.9	110	70-130	
Bromochloromethane	ug/L	50	48.6	97	70-130	
Bromodichloromethane	ug/L	50	50.2	100	70-130	
Bromoform	ug/L	50	50.7	101	70-130	
Bromomethane	ug/L	50	48.3	97	54-130	
Carbon tetrachloride	ug/L	50	51.7	103	70-132	
Chlorobenzene	ug/L	50	49.9	100	70-130	
Chloroethane	ug/L	50	50.1	100	64-134	
Chloroform	ug/L	50	47.5	95	70-130	
Chloromethane	ug/L	50	49.3	99	64-130	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-131	
cis-1,3-Dichloropropene	ug/L	50	52.5	105	70-130	
Dibromochloromethane	ug/L	50	48.6	97	70-130	
Dibromomethane	ug/L	50	50.4	101	70-131	
Dichlorodifluoromethane	ug/L	50	45.4	91	56-130	
Diisopropyl ether	ug/L	50	49.3	99	70-130	
Ethylbenzene	ug/L	50	53.4	107	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.9	100	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	51.8	104	70-130	
Methylene Chloride	ug/L	50	52.9	106	63-130	
Naphthalene	ug/L	50	47.5	95	70-138	
o-Xylene	ug/L	50	49.6	99	70-130	
p-Isopropyltoluene	ug/L	50	51.4	103	70-130	
Styrene	ug/L	50	48.6	97	70-130	
Tetrachloroethene	ug/L	50	51.6	103	70-130	
Toluene	ug/L	50	50.8	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	46.8	94	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.0	102	70-132	
Trichloroethene	ug/L	50	54.6	109	70-130	
Trichlorofluoromethane	ug/L	50	47.5	95	62-133	
Vinyl acetate	ug/L	100	95.7	96	66-157	
Vinyl chloride	ug/L	50	52.7	105	69-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 689082 689083											
Parameter	92106713005		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
1,1-Dichloroethene	ug/L	ND	50	50	64.1	64.4	128	129	70-166	0	
Benzene	ug/L	ND	50	50	60.4	59.8	121	120	70-148	1	
Chlorobenzene	ug/L	ND	50	50	59.8	58.6	120	117	70-146	2	
Toluene	ug/L	ND	50	50	56.4	56.2	113	112	70-155	0	
Trichloroethene	ug/L	ND	50	50	56.0	55.1	112	110	69-151	2	
1,2-Dichloroethane-d4 (S)	%						102	103	70-130		
4-Bromofluorobenzene (S)	%						96	92	70-130		
Dibromofluoromethane (S)	%						106	107	70-130		
Toluene-d8 (S)	%						92	91	70-130		



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

QC Batch: MSV/17377 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics  
 Associated Lab Samples: 92106721001, 92106721002, 92106721003

METHOD BLANK: 689320 Matrix: Solid  
 Associated Lab Samples: 92106721001, 92106721002, 92106721003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.8	11/18/11 10:37	
1,1,1-Trichloroethane	ug/kg	ND	4.8	11/18/11 10:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.8	11/18/11 10:37	
1,1,2-Trichloroethane	ug/kg	ND	4.8	11/18/11 10:37	
1,1-Dichloroethane	ug/kg	ND	4.8	11/18/11 10:37	
1,1-Dichloroethene	ug/kg	ND	4.8	11/18/11 10:37	
1,1-Dichloropropene	ug/kg	ND	4.8	11/18/11 10:37	
1,2,3-Trichlorobenzene	ug/kg	ND	4.8	11/18/11 10:37	
1,2,3-Trichloropropane	ug/kg	ND	4.8	11/18/11 10:37	
1,2,4-Trichlorobenzene	ug/kg	ND	4.8	11/18/11 10:37	
1,2,4-Trimethylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.8	11/18/11 10:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.8	11/18/11 10:37	
1,2-Dichlorobenzene	ug/kg	ND	4.8	11/18/11 10:37	
1,2-Dichloroethane	ug/kg	ND	4.8	11/18/11 10:37	
1,2-Dichloropropane	ug/kg	ND	4.8	11/18/11 10:37	
1,3,5-Trimethylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
1,3-Dichlorobenzene	ug/kg	ND	4.8	11/18/11 10:37	
1,3-Dichloropropane	ug/kg	ND	4.8	11/18/11 10:37	
1,4-Dichlorobenzene	ug/kg	ND	4.8	11/18/11 10:37	
2,2-Dichloropropane	ug/kg	ND	4.8	11/18/11 10:37	
2-Butanone (MEK)	ug/kg	ND	96.2	11/18/11 10:37	
2-Chlorotoluene	ug/kg	ND	4.8	11/18/11 10:37	
2-Hexanone	ug/kg	ND	48.1	11/18/11 10:37	
4-Chlorotoluene	ug/kg	ND	4.8	11/18/11 10:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	48.1	11/18/11 10:37	
Acetone	ug/kg	ND	96.2	11/18/11 10:37	
Benzene	ug/kg	ND	4.8	11/18/11 10:37	
Bromobenzene	ug/kg	ND	4.8	11/18/11 10:37	
Bromochloromethane	ug/kg	ND	4.8	11/18/11 10:37	
Bromodichloromethane	ug/kg	ND	4.8	11/18/11 10:37	
Bromoform	ug/kg	ND	4.8	11/18/11 10:37	
Bromomethane	ug/kg	ND	9.6	11/18/11 10:37	
Carbon tetrachloride	ug/kg	ND	4.8	11/18/11 10:37	
Chlorobenzene	ug/kg	ND	4.8	11/18/11 10:37	
Chloroethane	ug/kg	ND	9.6	11/18/11 10:37	
Chloroform	ug/kg	ND	4.8	11/18/11 10:37	
Chloromethane	ug/kg	ND	9.6	11/18/11 10:37	
cis-1,2-Dichloroethene	ug/kg	ND	4.8	11/18/11 10:37	
cis-1,3-Dichloropropene	ug/kg	ND	4.8	11/18/11 10:37	
Dibromochloromethane	ug/kg	ND	4.8	11/18/11 10:37	
Dibromomethane	ug/kg	ND	4.8	11/18/11 10:37	
Dichlorodifluoromethane	ug/kg	ND	9.6	11/18/11 10:37	

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### QUALITY CONTROL DATA

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

METHOD BLANK: 689320 Matrix: Solid

Associated Lab Samples: 92106721001, 92106721002, 92106721003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	4.8	11/18/11 10:37	
Ethylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
Hexachloro-1,3-butadiene	ug/kg	ND	4.8	11/18/11 10:37	
Isopropylbenzene (Cumene)	ug/kg	ND	4.8	11/18/11 10:37	
m&p-Xylene	ug/kg	ND	9.6	11/18/11 10:37	
Methyl-tert-butyl ether	ug/kg	ND	4.8	11/18/11 10:37	
Methylene Chloride	ug/kg	ND	19.2	11/18/11 10:37	
n-Butylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
n-Propylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
Naphthalene	ug/kg	ND	4.8	11/18/11 10:37	
o-Xylene	ug/kg	ND	4.8	11/18/11 10:37	
p-Isopropyltoluene	ug/kg	ND	4.8	11/18/11 10:37	
sec-Butylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
Styrene	ug/kg	ND	4.8	11/18/11 10:37	
tert-Butylbenzene	ug/kg	ND	4.8	11/18/11 10:37	
Tetrachloroethene	ug/kg	ND	4.8	11/18/11 10:37	
Toluene	ug/kg	ND	4.8	11/18/11 10:37	
trans-1,2-Dichloroethene	ug/kg	ND	4.8	11/18/11 10:37	
trans-1,3-Dichloropropene	ug/kg	ND	4.8	11/18/11 10:37	
Trichloroethene	ug/kg	ND	4.8	11/18/11 10:37	
Trichlorofluoromethane	ug/kg	ND	4.8	11/18/11 10:37	
Vinyl acetate	ug/kg	ND	48.1	11/18/11 10:37	
Vinyl chloride	ug/kg	ND	9.6	11/18/11 10:37	
Xylene (Total)	ug/kg	ND	9.6	11/18/11 10:37	
1,2-Dichloroethane-d4 (S)	%	104	70-132	11/18/11 10:37	
4-Bromofluorobenzene (S)	%	92	70-130	11/18/11 10:37	
Dibromofluoromethane (S)	%	107	70-130	11/18/11 10:37	
Toluene-d8 (S)	%	97	70-130	11/18/11 10:37	

LABORATORY CONTROL SAMPLE: 689321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	48.1	51.4	107	70-131	
1,1,1-Trichloroethane	ug/kg	48.1	47.6	99	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	48.1	52.7	110	70-130	
1,1,2-Trichloroethane	ug/kg	48.1	47.1	98	70-132	
1,1-Dichloroethane	ug/kg	48.1	47.7	99	70-143	
1,1-Dichloroethene	ug/kg	48.1	47.0	98	70-137	
1,1-Dichloropropene	ug/kg	48.1	45.7	95	70-135	
1,2,3-Trichlorobenzene	ug/kg	48.1	47.2	98	69-153	
1,2,3-Trichloropropane	ug/kg	48.1	47.2	98	70-130	
1,2,4-Trichlorobenzene	ug/kg	48.1	44.4	92	55-171	
1,2,4-Trimethylbenzene	ug/kg	48.1	47.6	99	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	48.1	41.7	87	68-141	
1,2-Dibromoethane (EDB)	ug/kg	48.1	49.0	102	70-130	

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### REPORT OF LABORATORY ANALYSIS

Page 29 of 36

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 (704)875-9092

**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

LABORATORY CONTROL SAMPLE: 689321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	48.1	48.0	100	70-140	
1,2-Dichloroethane	ug/kg	48.1	46.9	97	70-137	
1,2-Dichloropropane	ug/kg	48.1	45.4	94	70-133	
1,3,5-Trimethylbenzene	ug/kg	48.1	46.1	96	70-143	
1,3-Dichlorobenzene	ug/kg	48.1	48.2	100	70-144	
1,3-Dichloropropane	ug/kg	48.1	50.5	105	70-132	
1,4-Dichlorobenzene	ug/kg	48.1	47.1	98	70-142	
2,2-Dichloropropane	ug/kg	48.1	47.0	98	68-152	
2-Butanone (MEK)	ug/kg	96.2	91.8J	95	70-149	
2-Chlorotoluene	ug/kg	48.1	46.5	97	70-141	
2-Hexanone	ug/kg	96.2	89.4	93	70-149	
4-Chlorotoluene	ug/kg	48.1	46.8	97	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	96.2	83.4	87	70-153	
Acetone	ug/kg	96.2	73.7J	77	70-157 F3	
Benzene	ug/kg	48.1	44.8	93	70-130	
Bromobenzene	ug/kg	48.1	43.2	90	70-141	
Bromochloromethane	ug/kg	48.1	49.1	102	70-149	
Bromodichloromethane	ug/kg	48.1	44.3	92	70-130	
Bromoform	ug/kg	48.1	45.1	94	70-131	
Bromomethane	ug/kg	48.1	37.9	79	64-136 F3	
Carbon tetrachloride	ug/kg	48.1	44.2	92	70-154	
Chlorobenzene	ug/kg	48.1	50.1	104	70-135	
Chloroethane	ug/kg	48.1	39.9	83	68-151	
Chloroform	ug/kg	48.1	48.7	101	70-130	
Chloromethane	ug/kg	48.1	43.3	90	70-132	
cis-1,2-Dichloroethene	ug/kg	48.1	45.5	95	70-140	
cis-1,3-Dichloropropene	ug/kg	48.1	45.2	94	70-137	
Dibromochloromethane	ug/kg	48.1	48.6	101	70-130	
Dibromomethane	ug/kg	48.1	44.7	93	70-136	
Dichlorodifluoromethane	ug/kg	48.1	30.3	63	36-148	
Diisopropyl ether	ug/kg	48.1	45.0	94	70-139	
Ethylbenzene	ug/kg	48.1	48.7	101	70-137	
Hexachloro-1,3-butadiene	ug/kg	48.1	42.9	89	70-145	
Isopropylbenzene (Cumene)	ug/kg	48.1	51.2	107	70-141	
m&p-Xylene	ug/kg	96.2	97.1	101	70-140	
Methyl-tert-butyl ether	ug/kg	48.1	48.2	100	45-150	
Methylene Chloride	ug/kg	48.1	36.3	76	70-133	
n-Butylbenzene	ug/kg	48.1	43.8	91	65-155	
n-Propylbenzene	ug/kg	48.1	44.0	91	70-148	
Naphthalene	ug/kg	48.1	47.0	98	70-148	
o-Xylene	ug/kg	48.1	51.0	106	70-141	
p-Isopropyltoluene	ug/kg	48.1	47.0	98	70-148	
sec-Butylbenzene	ug/kg	48.1	44.6	93	70-145	
Styrene	ug/kg	48.1	50.8	106	70-138	
tert-Butylbenzene	ug/kg	48.1	52.7	110	70-143	
Tetrachloroethene	ug/kg	48.1	47.0	98	70-140	
Toluene	ug/kg	48.1	45.2	94	70-130	
trans-1,2-Dichloroethene	ug/kg	48.1	45.1	94	70-136	

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**REPORT OF LABORATORY ANALYSIS**

Page 30 of 36

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

**LABORATORY CONTROL SAMPLE: 689321**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	48.1	45.5	95	70-138	
Trichloroethene	ug/kg	48.1	46.1	96	70-132	
Trichlorofluoromethane	ug/kg	48.1	45.2	94	69-134	
Vinyl acetate	ug/kg	96.2	84.8	88	24-161	
Vinyl chloride	ug/kg	48.1	46.6	97	55-140	
Xylene (Total)	ug/kg	144	148	103	70-141	
1,2-Dichloroethane-d4 (S)	%			100	70-132	
4-Bromofluorobenzene (S)	%			111	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			97	70-130	

**MATRIX SPIKE SAMPLE: 689921**

Parameter	Units	92106468004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg		ND	39.9	52.7	132	49-180
Benzene	ug/kg		ND	39.9	35.5	89	50-166
Chlorobenzene	ug/kg		ND	39.9	29.3	73	43-169
Toluene	ug/kg		ND	39.9	33.4	82	52-163
Trichloroethene	ug/kg		ND	39.9	31.9	80	49-167
1,2-Dichloroethane-d4 (S)	%					109	70-132
4-Bromofluorobenzene (S)	%					91	70-130
Dibromofluoromethane (S)	%					110	70-130
Toluene-d8 (S)	%					102	70-130

**SAMPLE DUPLICATE: 689920**

Parameter	Units	92106322006 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<5.0	ND		
1,1,1-Trichloroethane	ug/kg	<5.0	ND		
1,1,2,2-Tetrachloroethane	ug/kg	<5.0	ND		
1,1,2-Trichloroethane	ug/kg	<5.0	ND		
1,1-Dichloroethane	ug/kg	<5.0	ND		
1,1-Dichloroethene	ug/kg	<5.0	ND		
1,1-Dichloropropene	ug/kg	<5.0	ND		
1,2,3-Trichlorobenzene	ug/kg	<5.0	ND		
1,2,3-Trichloropropane	ug/kg	<5.0	ND		
1,2,4-Trichlorobenzene	ug/kg	<5.0	ND		
1,2,4-Trimethylbenzene	ug/kg	<5.0	ND		
1,2-Dibromo-3-chloropropane	ug/kg	<5.0	ND		
1,2-Dibromoethane (EDB)	ug/kg	<5.0	ND		
1,2-Dichlorobenzene	ug/kg	<5.0	ND		
1,2-Dichloroethane	ug/kg	<5.0	ND		
1,2-Dichloropropane	ug/kg	<5.0	ND		
1,3,5-Trimethylbenzene	ug/kg	<5.0	ND		
1,3-Dichlorobenzene	ug/kg	<5.0	ND		

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

SAMPLE DUPLICATE: 689920

Parameter	Units	92106322006 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	<5.0	ND		
1,4-Dichlorobenzene	ug/kg	<5.0	ND		
2,2-Dichloropropane	ug/kg	<5.0	ND		
2-Butanone (MEK)	ug/kg	<101	ND		
2-Chlorotoluene	ug/kg	<5.0	ND		
2-Hexanone	ug/kg	<50.3	ND		
4-Chlorotoluene	ug/kg	<5.0	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	<50.3	ND		
Acetone	ug/kg	<101	ND		
Benzene	ug/kg	<5.0	ND		
Bromobenzene	ug/kg	<5.0	ND		
Bromochloromethane	ug/kg	<5.0	ND		
Bromodichloromethane	ug/kg	<5.0	ND		
Bromoform	ug/kg	<5.0	ND		
Bromomethane	ug/kg	<10.1	ND		
Carbon tetrachloride	ug/kg	<5.0	ND		
Chlorobenzene	ug/kg	<5.0	ND		
Chloroethane	ug/kg	<10.1	ND		
Chloroform	ug/kg	<5.0	ND		
Chloromethane	ug/kg	<10.1	ND		
cis-1,2-Dichloroethene	ug/kg	<5.0	ND		
cis-1,3-Dichloropropene	ug/kg	<5.0	ND		
Dibromochloromethane	ug/kg	<5.0	ND		
Dibromomethane	ug/kg	<5.0	ND		
Dichlorodifluoromethane	ug/kg	<10.1	ND		
Diisopropyl ether	ug/kg	<5.0	ND		
Ethylbenzene	ug/kg	<5.0	ND		
Hexachloro-1,3-butadiene	ug/kg	<5.0	ND		
Isopropylbenzene (Cumene)	ug/kg	<5.0	ND		
m&p-Xylene	ug/kg	<10.1	ND		
Methyl-tert-butyl ether	ug/kg	<5.0	ND		
Methylene Chloride	ug/kg	<20.1	ND		
n-Butylbenzene	ug/kg	<5.0	ND		
n-Propylbenzene	ug/kg	<5.0	ND		
Naphthalene	ug/kg	<5.0	1.9J		
o-Xylene	ug/kg	<5.0	ND		
p-Isopropyltoluene	ug/kg	<5.0	ND		
sec-Butylbenzene	ug/kg	<5.0	ND		
Styrene	ug/kg	<5.0	ND		
tert-Butylbenzene	ug/kg	<5.0	ND		
Tetrachloroethene	ug/kg	<5.0	ND		
Toluene	ug/kg	<5.0	ND		
trans-1,2-Dichloroethene	ug/kg	<5.0	ND		
trans-1,3-Dichloropropene	ug/kg	<5.0	ND		
Trichloroethene	ug/kg	<5.0	ND		
Trichlorofluoromethane	ug/kg	<5.0	ND		
Vinyl acetate	ug/kg	<50.3	ND		
Vinyl chloride	ug/kg	<10.1	ND		

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**REPORT OF LABORATORY ANALYSIS**

Page 32 of 36

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### QUALITY CONTROL DATA

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

SAMPLE DUPLICATE: 689920

Parameter	Units	92106322006 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	<10.1	ND		
1,2-Dichloroethane-d4 (S)	%	111	120	6	
4-Bromofluorobenzene (S)	%	86	96	9	
Dibromofluoromethane (S)	%	114	115	1	
Toluene-d8 (S)	%	103	103	2	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

QC Batch: PMST/4339 Analysis Method: ASTM D2974-87  
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
 Associated Lab Samples: 92106721001, 92106721002, 92106721003

SAMPLE DUPLICATE: 688890

Parameter	Units	92106589001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	11.9	11.1	6	

SAMPLE DUPLICATE: 688891

Parameter	Units	92106640004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	9.3	8.0	15	



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## QUALIFIERS

Project: Goldsboro Milling Feed Mill  
Pace Project No.: 92106721

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

### LABORATORIES

PASI-C Pace Analytical Services - Charlotte

### ANALYTE QUALIFIERS

F3 The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.



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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Goldsboro Milling Feed Mill  
 Pace Project No.: 92106721

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92106721004	MW-1	EPA 8260	MSV/17373		
92106721005	MW-2	EPA 8260	MSV/17373		
92106721006	MW-3	EPA 8260	MSV/17373		
92106721007	Supply Well 4	EPA 8260	MSV/17373		
92106721008	Supply Well 5	EPA 8260	MSV/17373		
92106721009	Supply Well 8	EPA 8260	MSV/17373		
92106721010	Supply Well at Maintenance	EPA 8260	MSV/17373		
92106721001	MW-1S	EPA 8260	MSV/17377		
92106721002	MW-2S	EPA 8260	MSV/17377		
92106721003	MW-3S	EPA 8260	MSV/17377		
92106721001	MW-1S	ASTM D2974-87	PMST/4339		
92106721002	MW-2S	ASTM D2974-87	PMST/4339		
92106721003	MW-3S	ASTM D2974-87	PMST/4339		



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December 07, 2011

Mr. Allen McColl  
Terracon  
314 Beacon Drive  
Winterville, NC 28590

RE: Project: Goldsboro Milling  
Pace Project No.: 92107126

Dear Mr. McColl:

Enclosed are the analytical results for sample(s) received by the laboratory on November 23, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring

kevin.herring@pacelabs.com  
Project Manager

Enclosures



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## CERTIFICATIONS

Project: Goldsboro Milling  
Pace Project No.: 92107126

### Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078  
North Carolina Drinking Water Certification #: 37706  
North Carolina Field Services Certification #: 5342  
North Carolina Wastewater Certification #: 12  
South Carolina Certification #: 99006001  
South Carolina Drinking Water Cert. #: 99006003  
Virginia Drinking Water Certification #: 00213

Connecticut Certification #: PH-0104  
Florida/NELAP Certification #: E87627  
Kentucky UST Certification #: 84  
Louisiana DHH Drinking Water # LA 100031  
West Virginia Certification #: 357  
Virginia/VELAP Certification #: 460144

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**SAMPLE ANALYTE COUNT**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92107126001	MW-4 (SOIL)	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92107126002	MW-5 (SOIL)	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92107126003	MW-6 (SOIL)	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92107126004	MW-4	EPA 8260	KJM, TLS	63	PASI-C
92107126005	MW-5	EPA 8260	KJM	63	PASI-C
92107126006	MW-6	EPA 8260	TLS	63	PASI-C

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(704)875-9092

### ANALYTICAL RESULTS

Project: Goldsboro Milling  
Pace Project No.: 92107126

Sample: MW-4 (SOIL) Lab ID: 92107126001 Collected: 11/22/11 10:45 Received: 11/23/11 10:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	82.1	1		11/27/11 22:54	67-64-1	
Benzene	ND	ug/kg	4.1	1		11/27/11 22:54	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1		11/27/11 22:54	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1		11/27/11 22:54	75-27-4	
Bromoform	ND	ug/kg	4.1	1		11/27/11 22:54	75-25-2	
Bromomethane	ND	ug/kg	8.2	1		11/27/11 22:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	82.1	1		11/27/11 22:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.1	1		11/27/11 22:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	108-90-7	
Chloroethane	ND	ug/kg	8.2	1		11/27/11 22:54	75-00-3	
Chloroform	ND	ug/kg	4.1	1		11/27/11 22:54	67-66-3	
Chloromethane	ND	ug/kg	8.2	1		11/27/11 22:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1		11/27/11 22:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1		11/27/11 22:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		11/27/11 22:54	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		11/27/11 22:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		11/27/11 22:54	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1		11/27/11 22:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.2	1		11/27/11 22:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		11/27/11 22:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		11/27/11 22:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		11/27/11 22:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		11/27/11 22:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		11/27/11 22:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		11/27/11 22:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1		11/27/11 22:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1		11/27/11 22:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1		11/27/11 22:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		11/27/11 22:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		11/27/11 22:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.1	1		11/27/11 22:54	108-20-3	
Ethylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		11/27/11 22:54	87-68-3	
2-Hexanone	ND	ug/kg	41.0	1		11/27/11 22:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		11/27/11 22:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		11/27/11 22:54	99-87-6	
Methylene Chloride	ND	ug/kg	16.4	1		11/27/11 22:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.0	1		11/27/11 22:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		11/27/11 22:54	1634-04-4	

Date: 12/07/2011 08:45 AM

### REPORT OF LABORATORY ANALYSIS

Page 4 of 37

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-4 (SOIL) Lab ID: 92107126001 Collected: 11/22/11 10:45 Received: 11/23/11 10:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Naphthalene	ND	ug/kg	4.1	1		11/27/11 22:54	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	103-65-1	
Styrene	ND	ug/kg	4.1	1		11/27/11 22:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		11/27/11 22:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		11/27/11 22:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		11/27/11 22:54	127-18-4	
Toluene	ND	ug/kg	4.1	1		11/27/11 22:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		11/27/11 22:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		11/27/11 22:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		11/27/11 22:54	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		11/27/11 22:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		11/27/11 22:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		11/27/11 22:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		11/27/11 22:54	108-67-8	
Vinyl acetate	ND	ug/kg	41.0	1		11/27/11 22:54	108-05-4	
Vinyl chloride	ND	ug/kg	8.2	1		11/27/11 22:54	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1		11/27/11 22:54	1330-20-7	
m&p-Xylene	ND	ug/kg	8.2	1		11/27/11 22:54	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1		11/27/11 22:54	95-47-6	
<b>Surrogates</b>								
Dibromofluoromethane (S)	100 %		70-130	1		11/27/11 22:54	1868-53-7	
Toluene-d8 (S)	99 %		70-130	1		11/27/11 22:54	2037-26-5	
4-Bromofluorobenzene (S)	96 %		70-130	1		11/27/11 22:54	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		70-132	1		11/27/11 22:54	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87						
Percent Moisture	12.5 %		0.10	1		11/28/11 09:02		



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### ANALYTICAL RESULTS

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-5 (SOIL) Lab ID: 92107126002 Collected: 11/22/11 11:15 Received: 11/23/11 10:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	149	1		11/27/11 23:14	67-64-1	
Benzene	ND	ug/kg	7.5	1		11/27/11 23:14	71-43-2	
Bromobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	108-86-1	
Bromochloromethane	ND	ug/kg	7.5	1		11/27/11 23:14	74-97-5	
Bromodichloromethane	ND	ug/kg	7.5	1		11/27/11 23:14	75-27-4	
Bromoform	ND	ug/kg	7.5	1		11/27/11 23:14	75-25-2	
Bromomethane	ND	ug/kg	14.9	1		11/27/11 23:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	149	1		11/27/11 23:14	78-93-3	
n-Butylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.5	1		11/27/11 23:14	56-23-5	
Chlorobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	108-90-7	
Chloroethane	ND	ug/kg	14.9	1		11/27/11 23:14	75-00-3	
Chloroform	ND	ug/kg	7.5	1		11/27/11 23:14	67-66-3	
Chloromethane	ND	ug/kg	14.9	1		11/27/11 23:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.5	1		11/27/11 23:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.5	1		11/27/11 23:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	1		11/27/11 23:14	96-12-8	
Dibromochloromethane	ND	ug/kg	7.5	1		11/27/11 23:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.5	1		11/27/11 23:14	106-93-4	
Dibromomethane	ND	ug/kg	7.5	1		11/27/11 23:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.9	1		11/27/11 23:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.5	1		11/27/11 23:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.5	1		11/27/11 23:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.5	1		11/27/11 23:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.5	1		11/27/11 23:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.5	1		11/27/11 23:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.5	1		11/27/11 23:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.5	1		11/27/11 23:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.5	1		11/27/11 23:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.5	1		11/27/11 23:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.5	1		11/27/11 23:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.5	1		11/27/11 23:14	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.5	1		11/27/11 23:14	108-20-3	
Ethylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.5	1		11/27/11 23:14	87-68-3	
2-Hexanone	ND	ug/kg	74.7	1		11/27/11 23:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.5	1		11/27/11 23:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.5	1		11/27/11 23:14	99-87-6	
Methylene Chloride	ND	ug/kg	29.9	1		11/27/11 23:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	74.7	1		11/27/11 23:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.5	1		11/27/11 23:14	1634-04-4	

Date: 12/07/2011 08:45 AM

### REPORT OF LABORATORY ANALYSIS

Page 6 of 37

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-5 (SOIL) Lab ID: 92107126002 Collected: 11/22/11 11:15 Received: 11/23/11 10:20 Matrix: Solid  
 Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Naphthalene	ND	ug/kg	7.5	1		11/27/11 23:14	91-20-3	
n-Propylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	103-65-1	
Styrene	ND	ug/kg	7.5	1		11/27/11 23:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.5	1		11/27/11 23:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.5	1		11/27/11 23:14	79-34-5	
Tetrachloroethene	ND	ug/kg	7.5	1		11/27/11 23:14	127-18-4	
Toluene	ND	ug/kg	7.5	1		11/27/11 23:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.5	1		11/27/11 23:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.5	1		11/27/11 23:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.5	1		11/27/11 23:14	79-00-5	
Trichloroethene	ND	ug/kg	7.5	1		11/27/11 23:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.5	1		11/27/11 23:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.5	1		11/27/11 23:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.5	1		11/27/11 23:14	108-67-8	
Vinyl acetate	ND	ug/kg	74.7	1		11/27/11 23:14	108-05-4	
Vinyl chloride	ND	ug/kg	14.9	1		11/27/11 23:14	75-01-4	
Xylene (Total)	ND	ug/kg	14.9	1		11/27/11 23:14	1330-20-7	
m&p-Xylene	ND	ug/kg	14.9	1		11/27/11 23:14	179601-23-1	
o-Xylene	ND	ug/kg	7.5	1		11/27/11 23:14	95-47-6	
<b>Surrogates</b>								
Dibromofluoromethane (S)	93 %		70-130	1		11/27/11 23:14	1868-53-7	
Toluene-d8 (S)	101 %		70-130	1		11/27/11 23:14	2037-26-5	
4-Bromofluorobenzene (S)	99 %		70-130	1		11/27/11 23:14	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		70-132	1		11/27/11 23:14	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87						
Percent Moisture	12.6 %		0.10	1		11/28/11 09:02		



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### ANALYTICAL RESULTS

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-6 (SOIL) Lab ID: 92107126003 Collected: 11/22/11 11:45 Received: 11/23/11 10:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	164	1		11/28/11 17:05	67-64-1	
Benzene	ND	ug/kg	8.2	1		11/28/11 17:05	71-43-2	
Bromobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	108-86-1	
Bromochloromethane	ND	ug/kg	8.2	1		11/28/11 17:05	74-97-5	
Bromodichloromethane	ND	ug/kg	8.2	1		11/28/11 17:05	75-27-4	
Bromoform	ND	ug/kg	8.2	1		11/28/11 17:05	75-25-2	
Bromomethane	ND	ug/kg	16.4	1		11/28/11 17:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	164	1		11/28/11 17:05	78-93-3	
n-Butylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.2	1		11/28/11 17:05	56-23-5	
Chlorobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	108-90-7	
Chloroethane	ND	ug/kg	16.4	1		11/28/11 17:05	75-00-3	
Chloroform	ND	ug/kg	8.2	1		11/28/11 17:05	67-66-3	
Chloromethane	ND	ug/kg	16.4	1		11/28/11 17:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.2	1		11/28/11 17:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.2	1		11/28/11 17:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	1		11/28/11 17:05	96-12-8	
Dibromochloromethane	ND	ug/kg	8.2	1		11/28/11 17:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.2	1		11/28/11 17:05	106-93-4	
Dibromomethane	ND	ug/kg	8.2	1		11/28/11 17:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.4	1		11/28/11 17:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.2	1		11/28/11 17:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.2	1		11/28/11 17:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.2	1		11/28/11 17:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.2	1		11/28/11 17:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.2	1		11/28/11 17:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.2	1		11/28/11 17:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.2	1		11/28/11 17:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.2	1		11/28/11 17:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.2	1		11/28/11 17:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.2	1		11/28/11 17:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.2	1		11/28/11 17:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.2	1		11/28/11 17:05	108-20-3	
Ethylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.2	1		11/28/11 17:05	87-68-3	
2-Hexanone	ND	ug/kg	81.8	1		11/28/11 17:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.2	1		11/28/11 17:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.2	1		11/28/11 17:05	99-87-6	
Methylene Chloride	ND	ug/kg	32.7	1		11/28/11 17:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	81.8	1		11/28/11 17:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.2	1		11/28/11 17:05	1634-04-4	

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### REPORT OF LABORATORY ANALYSIS

Page 8 of 37

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### ANALYTICAL RESULTS

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-6 (SOIL) Lab ID: 92107126003 Collected: 11/22/11 11:45 Received: 11/23/11 10:20 Matrix: Solid  
 Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Naphthalene	ND	ug/kg	8.2	1		11/28/11 17:05	91-20-3	
n-Propylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	103-65-1	
Styrene	ND	ug/kg	8.2	1		11/28/11 17:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.2	1		11/28/11 17:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.2	1		11/28/11 17:05	79-34-5	
Tetrachloroethene	ND	ug/kg	8.2	1		11/28/11 17:05	127-18-4	
Toluene	ND	ug/kg	8.2	1		11/28/11 17:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.2	1		11/28/11 17:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.2	1		11/28/11 17:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.2	1		11/28/11 17:05	79-00-5	
Trichloroethene	ND	ug/kg	8.2	1		11/28/11 17:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	1		11/28/11 17:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.2	1		11/28/11 17:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.2	1		11/28/11 17:05	108-67-8	
Vinyl acetate	ND	ug/kg	81.8	1		11/28/11 17:05	108-05-4	
Vinyl chloride	ND	ug/kg	16.4	1		11/28/11 17:05	75-01-4	
Xylene (Total)	ND	ug/kg	16.4	1		11/28/11 17:05	1330-20-7	
m&p-Xylene	ND	ug/kg	16.4	1		11/28/11 17:05	179601-23-1	
o-Xylene	ND	ug/kg	8.2	1		11/28/11 17:05	95-47-6	
<b>Surrogates</b>								
Dibromofluoromethane (S)	91 %		70-130	1		11/28/11 17:05	1868-53-7	
Toluene-d8 (S)	101 %		70-130	1		11/28/11 17:05	2037-26-5	
4-Bromofluorobenzene (S)	97 %		70-130	1		11/28/11 17:05	460-00-4	
1,2-Dichloroethane-d4 (S)	92 %		70-132	1		11/28/11 17:05	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87						
Percent Moisture	12.4 %		0.10	1		11/28/11 09:02		



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### ANALYTICAL RESULTS

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-4 Lab ID: 92107126004 Collected: 11/22/11 14:45 Received: 11/23/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/28/11 21:14	67-64-1	
Benzene	ND	ug/L	1.0	1		11/28/11 21:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/28/11 21:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/28/11 21:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/28/11 21:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/28/11 21:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/28/11 21:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/28/11 21:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/28/11 21:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/28/11 21:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/28/11 21:14	75-00-3	
Chloroform	2.0	ug/L	1.0	1		11/28/11 21:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/28/11 21:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/28/11 21:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/28/11 21:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/28/11 21:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/28/11 21:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/28/11 21:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/28/11 21:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/28/11 21:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/28/11 21:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/28/11 21:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/28/11 21:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/28/11 21:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/28/11 21:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/28/11 21:14	75-35-4	
cis-1,2-Dichloroethene	1130	ug/L	10.0	10		12/01/11 05:08	156-59-2	
trans-1,2-Dichloroethene	13.7	ug/L	1.0	1		11/28/11 21:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/28/11 21:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/28/11 21:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/28/11 21:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/28/11 21:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/28/11 21:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/28/11 21:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/28/11 21:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/28/11 21:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/28/11 21:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/28/11 21:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/28/11 21:14	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/28/11 21:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/28/11 21:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/28/11 21:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/28/11 21:14	91-20-3	
Styrene	ND	ug/L	1.0	1		11/28/11 21:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/28/11 21:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/28/11 21:14	79-34-5	
Tetrachloroethene	134	ug/L	1.0	1		11/28/11 21:14	127-18-4	

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Page 10 of 37

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### ANALYTICAL RESULTS

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-4      Lab ID: 92107126004      Collected: 11/22/11 14:45      Received: 11/23/11 10:20      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	ND	ug/L	1.0	1		11/28/11 21:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/28/11 21:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/28/11 21:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/28/11 21:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/28/11 21:14	79-00-5	
Trichloroethene	260	ug/L	10.0	10		12/01/11 05:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/28/11 21:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/28/11 21:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/28/11 21:14	108-05-4	
Vinyl chloride	41.3	ug/L	1.0	1		11/28/11 21:14	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/28/11 21:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/28/11 21:14	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	89	%	70-130	1		11/28/11 21:14	460-00-4	
Dibromofluoromethane (S)	126	%	70-130	1		11/28/11 21:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	129	%	70-130	1		11/28/11 21:14	17060-07-0	
Toluene-d8 (S)	88	%	70-130	1		11/28/11 21:14	2037-26-5	



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### ANALYTICAL RESULTS

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-5 Lab ID: 92107126005 Collected: 11/22/11 15:15 Received: 11/23/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		12/01/11 04:19	67-64-1	
Benzene	ND	ug/L	1.0	1		12/01/11 04:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/01/11 04:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/01/11 04:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/01/11 04:19	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/01/11 04:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/01/11 04:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/01/11 04:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/01/11 04:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/01/11 04:19	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/01/11 04:19	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/01/11 04:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/01/11 04:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/01/11 04:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/01/11 04:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		12/01/11 04:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/01/11 04:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/01/11 04:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/01/11 04:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/01/11 04:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/01/11 04:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/01/11 04:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/01/11 04:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/01/11 04:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/01/11 04:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/01/11 04:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/01/11 04:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/01/11 04:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/01/11 04:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/01/11 04:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/01/11 04:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/01/11 04:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/01/11 04:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/01/11 04:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/01/11 04:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/01/11 04:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/01/11 04:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/01/11 04:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/01/11 04:19	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/01/11 04:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/01/11 04:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/01/11 04:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/01/11 04:19	91-20-3	
Styrene	ND	ug/L	1.0	1		12/01/11 04:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/01/11 04:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/01/11 04:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/01/11 04:19	127-18-4	

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-5 Lab ID: 92107126005 Collected: 11/22/11 15:15 Received: 11/23/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Toluene	ND	ug/L	1.0	1		12/01/11 04:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/01/11 04:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/01/11 04:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/01/11 04:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/01/11 04:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/01/11 04:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/01/11 04:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/01/11 04:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/01/11 04:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/01/11 04:19	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/01/11 04:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/01/11 04:19	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	103	%	70-130	1		12/01/11 04:19	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		12/01/11 04:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		12/01/11 04:19	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		12/01/11 04:19	2037-26-5	



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**ANALYTICAL RESULTS**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Sample: MW-6 Lab ID: 92107126006 Collected: 11/22/11 14:15 Received: 11/23/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND	ug/L	25.0	1		11/28/11 22:05	67-64-1	
Benzene	ND	ug/L	1.0	1		11/28/11 22:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/28/11 22:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/28/11 22:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/28/11 22:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/28/11 22:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/28/11 22:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/28/11 22:05	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/28/11 22:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/28/11 22:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/28/11 22:05	75-00-3	
Chloroform	3.1	ug/L	1.0	1		11/28/11 22:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/28/11 22:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/28/11 22:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/28/11 22:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/28/11 22:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/28/11 22:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/28/11 22:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/28/11 22:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/28/11 22:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/28/11 22:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/28/11 22:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/28/11 22:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/28/11 22:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/28/11 22:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/28/11 22:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/28/11 22:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/28/11 22:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/28/11 22:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/28/11 22:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/28/11 22:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/28/11 22:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/28/11 22:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/28/11 22:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/28/11 22:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/28/11 22:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/28/11 22:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/28/11 22:05	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/28/11 22:05	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/28/11 22:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/28/11 22:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/28/11 22:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/28/11 22:05	91-20-3	
Styrene	ND	ug/L	1.0	1		11/28/11 22:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/28/11 22:05	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/28/11 22:05	79-34-5	
Tetrachloroethene	3.7	ug/L	1.0	1		11/28/11 22:05	127-18-4	

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**REPORT OF LABORATORY ANALYSIS**

Page 14 of 37

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**ANALYTICAL RESULTS**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: MW-6</b>		<b>Lab ID: 92107126006</b>		Collected: 11/22/11 14:15	Received: 11/23/11 10:20	Matrix: Water		
Analytical Method: EPA 8260								
<b>8260 MSV Low Level</b>								
Toluene	ND	ug/L	1.0	1		11/28/11 22:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/28/11 22:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/28/11 22:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/28/11 22:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/28/11 22:05	79-00-5	
Trichloroethene	1.5	ug/L	1.0	1		11/28/11 22:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/28/11 22:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/28/11 22:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/28/11 22:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/28/11 22:05	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/28/11 22:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/28/11 22:05	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	91	%	70-130	1		11/28/11 22:05	460-00-4	
Dibromofluoromethane (S)	135	%	70-130	1		11/28/11 22:05	1868-53-7	S0
1,2-Dichloroethane-d4 (S)	135	%	70-130	1		11/28/11 22:05	17060-07-0	S0
Toluene-d8 (S)	99	%	70-130	1		11/28/11 22:05	2037-26-5	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

QC Batch: MSV/17475 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level  
 Associated Lab Samples: 92107126004, 92107126006

METHOD BLANK: 692269 Matrix: Water  
 Associated Lab Samples: 92107126004, 92107126006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/28/11 17:49	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/28/11 17:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/28/11 17:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/28/11 17:49	
1,1-Dichloroethane	ug/L	ND	1.0	11/28/11 17:49	
1,1-Dichloroethene	ug/L	ND	1.0	11/28/11 17:49	
1,1-Dichloropropene	ug/L	ND	1.0	11/28/11 17:49	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/28/11 17:49	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/28/11 17:49	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/28/11 17:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	11/28/11 17:49	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/28/11 17:49	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/28/11 17:49	
1,2-Dichloroethane	ug/L	ND	1.0	11/28/11 17:49	
1,2-Dichloropropane	ug/L	ND	1.0	11/28/11 17:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/28/11 17:49	
1,3-Dichloropropane	ug/L	ND	1.0	11/28/11 17:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/28/11 17:49	
2,2-Dichloropropane	ug/L	ND	1.0	11/28/11 17:49	
2-Butanone (MEK)	ug/L	ND	5.0	11/28/11 17:49	
2-Chlorotoluene	ug/L	ND	1.0	11/28/11 17:49	
2-Hexanone	ug/L	ND	5.0	11/28/11 17:49	
4-Chlorotoluene	ug/L	ND	1.0	11/28/11 17:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/28/11 17:49	
Acetone	ug/L	ND	25.0	11/28/11 17:49	
Benzene	ug/L	ND	1.0	11/28/11 17:49	
Bromobenzene	ug/L	ND	1.0	11/28/11 17:49	
Bromochloromethane	ug/L	ND	1.0	11/28/11 17:49	
Bromodichloromethane	ug/L	ND	1.0	11/28/11 17:49	
Bromoform	ug/L	ND	1.0	11/28/11 17:49	
Bromomethane	ug/L	ND	2.0	11/28/11 17:49	
Carbon tetrachloride	ug/L	ND	1.0	11/28/11 17:49	
Chlorobenzene	ug/L	ND	1.0	11/28/11 17:49	
Chloroethane	ug/L	ND	1.0	11/28/11 17:49	
Chloroform	ug/L	ND	1.0	11/28/11 17:49	
Chloromethane	ug/L	ND	1.0	11/28/11 17:49	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/28/11 17:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/28/11 17:49	
Dibromochloromethane	ug/L	ND	1.0	11/28/11 17:49	
Dibromomethane	ug/L	ND	1.0	11/28/11 17:49	
Dichlorodifluoromethane	ug/L	ND	1.0	11/28/11 17:49	
Diisopropyl ether	ug/L	ND	1.0	11/28/11 17:49	
Ethylbenzene	ug/L	ND	1.0	11/28/11 17:49	

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Page 16 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

METHOD BLANK: 692269 Matrix: Water

Associated Lab Samples: 92107126004, 92107126006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/28/11 17:49	
m&p-Xylene	ug/L	ND	2.0	11/28/11 17:49	
Methyl-tert-butyl ether	ug/L	ND	1.0	11/28/11 17:49	
Methylene Chloride	ug/L	ND	2.0	11/28/11 17:49	
Naphthalene	ug/L	ND	1.0	11/28/11 17:49	
o-Xylene	ug/L	ND	1.0	11/28/11 17:49	
p-Isopropyltoluene	ug/L	ND	1.0	11/28/11 17:49	
Styrene	ug/L	ND	1.0	11/28/11 17:49	
Tetrachloroethene	ug/L	ND	1.0	11/28/11 17:49	
Toluene	ug/L	ND	1.0	11/28/11 17:49	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/28/11 17:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/28/11 17:49	
Trichloroethene	ug/L	ND	1.0	11/28/11 17:49	
Trichlorofluoromethane	ug/L	ND	1.0	11/28/11 17:49	
Vinyl acetate	ug/L	ND	2.0	11/28/11 17:49	
Vinyl chloride	ug/L	ND	1.0	11/28/11 17:49	
1,2-Dichloroethane-d4 (S)	%	127	70-130	11/28/11 17:49	
4-Bromofluorobenzene (S)	%	91	70-130	11/28/11 17:49	
Dibromofluoromethane (S)	%	130	70-130	11/28/11 17:49	
Toluene-d8 (S)	%	97	70-130	11/28/11 17:49	

LABORATORY CONTROL SAMPLE: 692270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	70-130	
1,1,1-Trichloroethane	ug/L	50	44.5	89	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.8	94	70-130	
1,1,2-Trichloroethane	ug/L	50	47.6	95	70-130	
1,1-Dichloroethane	ug/L	50	44.6	89	70-130	
1,1-Dichloroethene	ug/L	50	45.8	92	70-132	
1,1-Dichloropropene	ug/L	50	51.7	103	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-135	
1,2,3-Trichloropropane	ug/L	50	44.0	88	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.0	96	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	48.6	97	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	70-130	
1,2-Dichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dichloroethane	ug/L	50	48.4	97	70-130	
1,2-Dichloropropane	ug/L	50	51.3	103	70-130	
1,3-Dichlorobenzene	ug/L	50	51.5	103	70-130	
1,3-Dichloropropane	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	48.2	96	70-130	
2,2-Dichloropropane	ug/L	50	43.8	88	58-145	
2-Butanone (MEK)	ug/L	100	79.8	80	70-145	
2-Chlorotoluene	ug/L	50	54.9	110	70-130	

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### QUALITY CONTROL DATA

Project: Goldsboro Milling  
 Pace Project No.: 92107126

LABORATORY CONTROL SAMPLE: 692270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	84.2	84	70-144	
4-Chlorotoluene	ug/L	50	56.7	113	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-140	
Acetone	ug/L	100	61.9	62	50-175	
Benzene	ug/L	50	51.3	103	70-130	
Bromobenzene	ug/L	50	49.3	99	70-130	
Bromochloromethane	ug/L	50	45.6	91	70-130	
Bromodichloromethane	ug/L	50	47.9	96	70-130	
Bromoform	ug/L	50	50.5	101	70-130	
Bromomethane	ug/L	50	61.6	123	54-130	
Carbon tetrachloride	ug/L	50	45.7	91	70-132	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	48.3	97	64-134	
Chloroform	ug/L	50	47.3	95	70-130	
Chloromethane	ug/L	50	48.7	97	64-130	
cis-1,2-Dichloroethene	ug/L	50	43.0	86	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	
Dibromochloromethane	ug/L	50	47.8	96	70-130	
Dibromomethane	ug/L	50	49.0	98	70-131	
Dichlorodifluoromethane	ug/L	50	45.2	90	56-130	
Diisopropyl ether	ug/L	50	47.1	94	70-130	
Ethylbenzene	ug/L	50	51.6	103	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	46.2	92	70-130	
Methylene Chloride	ug/L	50	52.1	104	63-130	
Naphthalene	ug/L	50	49.0	98	70-138	
o-Xylene	ug/L	50	47.8	96	70-130	
p-Isopropyltoluene	ug/L	50	52.0	104	70-130	
Styrene	ug/L	50	49.9	100	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	49.5	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.4	87	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.5	109	70-132	
Trichloroethene	ug/L	50	53.3	107	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	62-133	
Vinyl acetate	ug/L	100	80.7	81	66-157	
Vinyl chloride	ug/L	50	51.9	104	69-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			101	70-130	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

QC Batch: MSV/17496 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level  
 Associated Lab Samples: 92107126005

METHOD BLANK: 693636 Matrix: Water  
 Associated Lab Samples: 92107126005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/01/11 01:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/01/11 01:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/01/11 01:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/01/11 01:53	
1,1-Dichloroethane	ug/L	ND	1.0	12/01/11 01:53	
1,1-Dichloroethene	ug/L	ND	1.0	12/01/11 01:53	
1,1-Dichloropropene	ug/L	ND	1.0	12/01/11 01:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/01/11 01:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/01/11 01:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/01/11 01:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	12/01/11 01:53	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/01/11 01:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/01/11 01:53	
1,2-Dichloroethane	ug/L	ND	1.0	12/01/11 01:53	
1,2-Dichloropropane	ug/L	ND	1.0	12/01/11 01:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/01/11 01:53	
1,3-Dichloropropane	ug/L	ND	1.0	12/01/11 01:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/01/11 01:53	
2,2-Dichloropropane	ug/L	ND	1.0	12/01/11 01:53	
2-Butanone (MEK)	ug/L	ND	5.0	12/01/11 01:53	
2-Chlorotoluene	ug/L	ND	1.0	12/01/11 01:53	
2-Hexanone	ug/L	ND	5.0	12/01/11 01:53	
4-Chlorotoluene	ug/L	ND	1.0	12/01/11 01:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/01/11 01:53	
Acetone	ug/L	ND	25.0	12/01/11 01:53	
Benzene	ug/L	ND	1.0	12/01/11 01:53	
Bromobenzene	ug/L	ND	1.0	12/01/11 01:53	
Bromochloromethane	ug/L	ND	1.0	12/01/11 01:53	
Bromodichloromethane	ug/L	ND	1.0	12/01/11 01:53	
Bromoform	ug/L	ND	1.0	12/01/11 01:53	
Bromomethane	ug/L	ND	2.0	12/01/11 01:53	
Carbon tetrachloride	ug/L	ND	1.0	12/01/11 01:53	
Chlorobenzene	ug/L	ND	1.0	12/01/11 01:53	
Chloroethane	ug/L	ND	1.0	12/01/11 01:53	
Chloroform	ug/L	ND	1.0	12/01/11 01:53	
Chloromethane	ug/L	ND	1.0	12/01/11 01:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/01/11 01:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/01/11 01:53	
Dibromochloromethane	ug/L	ND	1.0	12/01/11 01:53	
Dibromomethane	ug/L	ND	1.0	12/01/11 01:53	
Dichlorodifluoromethane	ug/L	ND	1.0	12/01/11 01:53	
Diisopropyl ether	ug/L	ND	1.0	12/01/11 01:53	
Ethylbenzene	ug/L	ND	1.0	12/01/11 01:53	

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**REPORT OF LABORATORY ANALYSIS**

Page 19 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

METHOD BLANK: 693636 Matrix: Water  
 Associated Lab Samples: 92107126005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/01/11 01:53	
m&p-Xylene	ug/L	ND	2.0	12/01/11 01:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/01/11 01:53	
Methylene Chloride	ug/L	ND	2.0	12/01/11 01:53	
Naphthalene	ug/L	ND	1.0	12/01/11 01:53	
o-Xylene	ug/L	ND	1.0	12/01/11 01:53	
p-Isopropyltoluene	ug/L	ND	1.0	12/01/11 01:53	
Styrene	ug/L	ND	1.0	12/01/11 01:53	
Tetrachloroethene	ug/L	ND	1.0	12/01/11 01:53	
Toluene	ug/L	ND	1.0	12/01/11 01:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/01/11 01:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/01/11 01:53	
Trichloroethene	ug/L	ND	1.0	12/01/11 01:53	
Trichlorofluoromethane	ug/L	ND	1.0	12/01/11 01:53	
Vinyl acetate	ug/L	ND	2.0	12/01/11 01:53	
Vinyl chloride	ug/L	ND	1.0	12/01/11 01:53	
1,2-Dichloroethane-d4 (S)	%	108	70-130	12/01/11 01:53	
4-Bromofluorobenzene (S)	%	102	70-130	12/01/11 01:53	
Dibromofluoromethane (S)	%	103	70-130	12/01/11 01:53	
Toluene-d8 (S)	%	100	70-130	12/01/11 01:53	

LABORATORY CONTROL SAMPLE: 693637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.1	112	70-130	
1,1,1-Trichloroethane	ug/L	50	55.2	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	55.8	112	70-130	
1,1,2-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethane	ug/L	50	52.8	106	70-130	
1,1-Dichloroethene	ug/L	50	54.7	109	70-132	
1,1-Dichloropropene	ug/L	50	51.5	103	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	70-135	
1,2,3-Trichloropropane	ug/L	50	55.5	111	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	52.1	104	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	56.0	112	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	60.3	121	70-130	
1,2-Dichloropropane	ug/L	50	50.5	101	70-130	
1,3-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,3-Dichloropropane	ug/L	50	52.3	105	70-130	
1,4-Dichlorobenzene	ug/L	50	50.9	102	70-130	
2,2-Dichloropropane	ug/L	50	50.0	100	58-145	
2-Butanone (MEK)	ug/L	100	78.7	79	70-145	
2-Chlorotoluene	ug/L	50	52.3	105	70-130	

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**REPORT OF LABORATORY ANALYSIS**

Page 20 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

LABORATORY CONTROL SAMPLE: 693637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	93.6	94	70-144	
4-Chlorotoluene	ug/L	50	53.3	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-140	
Acetone	ug/L	100	63.3	63	50-175	
Benzene	ug/L	50	52.0	104	70-130	
Bromobenzene	ug/L	50	49.3	99	70-130	
Bromochloromethane	ug/L	50	55.5	111	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	55.7	111	70-130	
Bromomethane	ug/L	50	43.8	88	54-130	
Carbon tetrachloride	ug/L	50	56.9	114	70-132	
Chlorobenzene	ug/L	50	55.7	111	70-130	
Chloroethane	ug/L	50	55.9	112	64-134	
Chloroform	ug/L	50	57.0	114	70-130	
Chloromethane	ug/L	50	56.0	112	64-130	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	70-131	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	70-130	
Dibromochloromethane	ug/L	50	53.8	108	70-130	
Dibromomethane	ug/L	50	52.5	105	70-131	
Dichlorodifluoromethane	ug/L	50	65.1	130	56-130	
Diisopropyl ether	ug/L	50	51.1	102	70-130	
Ethylbenzene	ug/L	50	52.7	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.9	104	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	53.4	107	70-130	
Methylene Chloride	ug/L	50	55.6	111	63-130	
Naphthalene	ug/L	50	52.2	104	70-138	
o-Xylene	ug/L	50	52.8	106	70-130	
p-Isopropyltoluene	ug/L	50	51.4	103	70-130	
Styrene	ug/L	50	55.9	112	70-130	
Tetrachloroethene	ug/L	50	46.2	92	70-130	
Toluene	ug/L	50	52.1	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.7	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	70-132	
Trichloroethene	ug/L	50	57.2	114	70-130	
Trichlorofluoromethane	ug/L	50	61.7	123	62-133	
Vinyl acetate	ug/L	100	98.5	99	66-157	
Vinyl chloride	ug/L	50	57.9	116	69-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			100	70-130	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Parameter	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 694273				694274		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
	Units	92106790012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
1,1-Dichloroethene	ug/L				71.7	69.1					4
Benzene	ug/L	ND	50	50	59.9	58.1	120	116	70-148		3
Chlorobenzene	ug/L	ND	50	50	54.4	53.6	109	107	70-146		2
Toluene	ug/L	ND	50	50	57.9	56.2	116	112	70-155		3
Trichloroethene	ug/L				57.2	55.6					3
1,2-Dichloroethane-d4 (S)	%						121	122	70-130		
4-Bromofluorobenzene (S)	%						95	94	70-130		
Dibromofluoromethane (S)	%						109	109	70-130		
Toluene-d8 (S)	%						104	103	70-130		



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

QC Batch: MSV/17460 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics  
 Associated Lab Samples: 92107126001, 92107126002

METHOD BLANK: 692021 Matrix: Solid  
 Associated Lab Samples: 92107126001, 92107126002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	11/27/11 14:16	
1,1,1-Trichloroethane	ug/kg	ND	5.0	11/27/11 14:16	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	11/27/11 14:16	
1,1,2-Trichloroethane	ug/kg	ND	5.0	11/27/11 14:16	
1,1-Dichloroethane	ug/kg	ND	5.0	11/27/11 14:16	
1,1-Dichloroethene	ug/kg	ND	5.0	11/27/11 14:16	
1,1-Dichloropropene	ug/kg	ND	5.0	11/27/11 14:16	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	11/27/11 14:16	
1,2,3-Trichloropropane	ug/kg	ND	5.0	11/27/11 14:16	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	11/27/11 14:16	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	11/27/11 14:16	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	11/27/11 14:16	
1,2-Dichlorobenzene	ug/kg	ND	5.0	11/27/11 14:16	
1,2-Dichloroethane	ug/kg	ND	5.0	11/27/11 14:16	
1,2-Dichloropropane	ug/kg	ND	5.0	11/27/11 14:16	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
1,3-Dichlorobenzene	ug/kg	ND	5.0	11/27/11 14:16	
1,3-Dichloropropane	ug/kg	ND	5.0	11/27/11 14:16	
1,4-Dichlorobenzene	ug/kg	ND	5.0	11/27/11 14:16	
2,2-Dichloropropane	ug/kg	ND	5.0	11/27/11 14:16	
2-Butanone (MEK)	ug/kg	ND	100	11/27/11 14:16	
2-Chlorotoluene	ug/kg	ND	5.0	11/27/11 14:16	
2-Hexanone	ug/kg	ND	50.1	11/27/11 14:16	
4-Chlorotoluene	ug/kg	ND	5.0	11/27/11 14:16	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.1	11/27/11 14:16	
Acetone	ug/kg	ND	100	11/27/11 14:16	
Benzene	ug/kg	ND	5.0	11/27/11 14:16	
Bromobenzene	ug/kg	ND	5.0	11/27/11 14:16	
Bromochloromethane	ug/kg	ND	5.0	11/27/11 14:16	
Bromodichloromethane	ug/kg	ND	5.0	11/27/11 14:16	
Bromoform	ug/kg	ND	5.0	11/27/11 14:16	
Bromomethane	ug/kg	ND	10.0	11/27/11 14:16	
Carbon tetrachloride	ug/kg	ND	5.0	11/27/11 14:16	
Chlorobenzene	ug/kg	ND	5.0	11/27/11 14:16	
Chloroethane	ug/kg	ND	10.0	11/27/11 14:16	
Chloroform	ug/kg	ND	5.0	11/27/11 14:16	
Chloromethane	ug/kg	ND	10.0	11/27/11 14:16	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	11/27/11 14:16	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	11/27/11 14:16	
Dibromochloromethane	ug/kg	ND	5.0	11/27/11 14:16	
Dibromomethane	ug/kg	ND	5.0	11/27/11 14:16	
Dichlorodifluoromethane	ug/kg	ND	10.0	11/27/11 14:16	

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

METHOD BLANK: 692021 Matrix: Solid

Associated Lab Samples: 92107126001, 92107126002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	11/27/11 14:16	
Ethylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	11/27/11 14:16	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	11/27/11 14:16	
m&p-Xylene	ug/kg	ND	10.0	11/27/11 14:16	
Methyl-tert-butyl ether	ug/kg	ND	5.0	11/27/11 14:16	
Methylene Chloride	ug/kg	ND	20.0	11/27/11 14:16	
n-Butylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
n-Propylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
Naphthalene	ug/kg	ND	5.0	11/27/11 14:16	
o-Xylene	ug/kg	ND	5.0	11/27/11 14:16	
p-Isopropyltoluene	ug/kg	ND	5.0	11/27/11 14:16	
sec-Butylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
Styrene	ug/kg	ND	5.0	11/27/11 14:16	
tert-Butylbenzene	ug/kg	ND	5.0	11/27/11 14:16	
Tetrachloroethene	ug/kg	ND	5.0	11/27/11 14:16	
Toluene	ug/kg	ND	5.0	11/27/11 14:16	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	11/27/11 14:16	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	11/27/11 14:16	
Trichloroethene	ug/kg	ND	5.0	11/27/11 14:16	
Trichlorofluoromethane	ug/kg	ND	5.0	11/27/11 14:16	
Vinyl acetate	ug/kg	ND	50.1	11/27/11 14:16	
Vinyl chloride	ug/kg	ND	10.0	11/27/11 14:16	
Xylene (Total)	ug/kg	ND	10.0	11/27/11 14:16	
1,2-Dichloroethane-d4 (S)	%	103	70-132	11/27/11 14:16	
4-Bromofluorobenzene (S)	%	99	70-130	11/27/11 14:16	
Dibromofluoromethane (S)	%	105	70-130	11/27/11 14:16	
Toluene-d8 (S)	%	101	70-130	11/27/11 14:16	

LABORATORY CONTROL SAMPLE: 692022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	47.3	47.2	100	70-131	
1,1,1-Trichloroethane	ug/kg	47.3	43.3	91	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	47.3	47.8	101	70-130	
1,1,2-Trichloroethane	ug/kg	47.3	45.9	97	70-132	
1,1-Dichloroethane	ug/kg	47.3	44.3	94	70-143	
1,1-Dichloroethene	ug/kg	47.3	43.6	92	70-137	
1,1-Dichloropropene	ug/kg	47.3	43.0	91	70-135	
1,2,3-Trichlorobenzene	ug/kg	47.3	45.6	96	69-153	
1,2,3-Trichloropropane	ug/kg	47.3	44.5	94	70-130	
1,2,4-Trichlorobenzene	ug/kg	47.3	43.0	91	55-171	
1,2,4-Trimethylbenzene	ug/kg	47.3	43.7	92	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	47.3	53.7	113	68-141	
1,2-Dibromoethane (EDB)	ug/kg	47.3	48.4	102	70-130	

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

LABORATORY CONTROL SAMPLE: 692022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	47.3	45.3	96	70-140	
1,2-Dichloroethane	ug/kg	47.3	50.8	107	70-137	
1,2-Dichloropropane	ug/kg	47.3	46.4	98	70-133	
1,3,5-Trimethylbenzene	ug/kg	47.3	43.1	91	70-143	
1,3-Dichlorobenzene	ug/kg	47.3	44.4	94	70-144	
1,3-Dichloropropane	ug/kg	47.3	46.8	99	70-132	
1,4-Dichlorobenzene	ug/kg	47.3	44.3	93	70-142	
2,2-Dichloropropane	ug/kg	47.3	43.5	92	68-152	
2-Butanone (MEK)	ug/kg	94.7	95.7	101	70-149	
2-Chlorotoluene	ug/kg	47.3	43.6	92	70-141	
2-Hexanone	ug/kg	94.7	98.5	104	70-149	
4-Chlorotoluene	ug/kg	47.3	45.3	96	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	94.7	93.3	98	70-153	
Acetone	ug/kg	94.7	96.4	102	70-157	
Benzene	ug/kg	47.3	45.4	96	70-130	
Bromobenzene	ug/kg	47.3	44.5	94	70-141	
Bromochloromethane	ug/kg	47.3	47.3	100	70-149	
Bromodichloromethane	ug/kg	47.3	45.1	95	70-130	
Bromoform	ug/kg	47.3	48.3	102	70-131	
Bromomethane	ug/kg	47.3	59.9	127	64-136 F3	
Carbon tetrachloride	ug/kg	47.3	43.8	93	70-154	
Chlorobenzene	ug/kg	47.3	46.5	98	70-135	
Chloroethane	ug/kg	47.3	49.3	104	68-151	
Chloroform	ug/kg	47.3	46.2	98	70-130	
Chloromethane	ug/kg	47.3	45.1	95	70-132	
cis-1,2-Dichloroethene	ug/kg	47.3	42.5	90	70-140	
cis-1,3-Dichloropropene	ug/kg	47.3	46.8	99	70-137	
Dibromochloromethane	ug/kg	47.3	46.9	99	70-130	
Dibromomethane	ug/kg	47.3	37.3	79	70-136	
Dichlorodifluoromethane	ug/kg	47.3	47.2	100	36-148	
Diisopropyl ether	ug/kg	47.3	44.1	93	70-139	
Ethylbenzene	ug/kg	47.3	43.9	93	70-137	
Hexachloro-1,3-butadiene	ug/kg	47.3	42.7	90	70-145	
Isopropylbenzene (Cumene)	ug/kg	47.3	43.2	91	70-141	
m&p-Xylene	ug/kg	94.7	86.1	91	70-140	
Methyl-tert-butyl ether	ug/kg	47.3	46.0	97	45-150	
Methylene Chloride	ug/kg	47.3	46.9	99	70-133	
n-Butylbenzene	ug/kg	47.3	42.5	90	65-155	
n-Propylbenzene	ug/kg	47.3	42.0	89	70-148	
Naphthalene	ug/kg	47.3	49.3	104	70-148	
o-Xylene	ug/kg	47.3	44.5	94	70-141	
p-Isopropyltoluene	ug/kg	47.3	43.6	92	70-148	
sec-Butylbenzene	ug/kg	47.3	42.1	89	70-145	
Styrene	ug/kg	47.3	44.9	95	70-138	
tert-Butylbenzene	ug/kg	47.3	42.5	90	70-143	
Tetrachloroethene	ug/kg	47.3	41.6	88	70-140	
Toluene	ug/kg	47.3	44.3	93	70-130	
trans-1,2-Dichloroethene	ug/kg	47.3	40.9	86	70-136	

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**REPORT OF LABORATORY ANALYSIS**

Page 25 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

LABORATORY CONTROL SAMPLE: 692022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	47.3	46.8	99	70-138	
Trichloroethene	ug/kg	47.3	46.0	97	70-132	
Trichlorofluoromethane	ug/kg	47.3	44.1	93	69-134	
Vinyl acetate	ug/kg	94.7	79.6	84	24-161	
Vinyl chloride	ug/kg	47.3	49.8	105	55-140	
Xylene (Total)	ug/kg	142	131	92	70-141	
1,2-Dichloroethane-d4 (S)	%			101	70-132	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

QC Batch: MSV/17463 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics  
 Associated Lab Samples: 92107126003

METHOD BLANK: 692146 Matrix: Solid  
 Associated Lab Samples: 92107126003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.7	11/28/11 12:04	
1,1,1-Trichloroethane	ug/kg	ND	4.7	11/28/11 12:04	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.7	11/28/11 12:04	
1,1,2-Trichloroethane	ug/kg	ND	4.7	11/28/11 12:04	
1,1-Dichloroethane	ug/kg	ND	4.7	11/28/11 12:04	
1,1-Dichloroethene	ug/kg	ND	4.7	11/28/11 12:04	
1,1-Dichloropropene	ug/kg	ND	4.7	11/28/11 12:04	
1,2,3-Trichlorobenzene	ug/kg	ND	4.7	11/28/11 12:04	
1,2,3-Trichloropropane	ug/kg	ND	4.7	11/28/11 12:04	
1,2,4-Trichlorobenzene	ug/kg	ND	4.7	11/28/11 12:04	
1,2,4-Trimethylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.7	11/28/11 12:04	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.7	11/28/11 12:04	
1,2-Dichlorobenzene	ug/kg	ND	4.7	11/28/11 12:04	
1,2-Dichloroethane	ug/kg	ND	4.7	11/28/11 12:04	
1,2-Dichloropropane	ug/kg	ND	4.7	11/28/11 12:04	
1,3,5-Trimethylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
1,3-Dichlorobenzene	ug/kg	ND	4.7	11/28/11 12:04	
1,3-Dichloropropane	ug/kg	ND	4.7	11/28/11 12:04	
1,4-Dichlorobenzene	ug/kg	ND	4.7	11/28/11 12:04	
2,2-Dichloropropane	ug/kg	ND	4.7	11/28/11 12:04	
2-Butanone (MEK)	ug/kg	ND	93.1	11/28/11 12:04	
2-Chlorotoluene	ug/kg	ND	4.7	11/28/11 12:04	
2-Hexanone	ug/kg	ND	46.6	11/28/11 12:04	
4-Chlorotoluene	ug/kg	ND	4.7	11/28/11 12:04	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	46.6	11/28/11 12:04	
Acetone	ug/kg	ND	93.1	11/28/11 12:04	
Benzene	ug/kg	ND	4.7	11/28/11 12:04	
Bromobenzene	ug/kg	ND	4.7	11/28/11 12:04	
Bromochloromethane	ug/kg	ND	4.7	11/28/11 12:04	
Bromodichloromethane	ug/kg	ND	4.7	11/28/11 12:04	
Bromoform	ug/kg	ND	4.7	11/28/11 12:04	
Bromomethane	ug/kg	ND	9.3	11/28/11 12:04	
Carbon tetrachloride	ug/kg	ND	4.7	11/28/11 12:04	
Chlorobenzene	ug/kg	ND	4.7	11/28/11 12:04	
Chloroethane	ug/kg	ND	9.3	11/28/11 12:04	
Chloroform	ug/kg	ND	4.7	11/28/11 12:04	
Chloromethane	ug/kg	ND	9.3	11/28/11 12:04	
cis-1,2-Dichloroethene	ug/kg	ND	4.7	11/28/11 12:04	
cis-1,3-Dichloropropene	ug/kg	ND	4.7	11/28/11 12:04	
Dibromochloromethane	ug/kg	ND	4.7	11/28/11 12:04	
Dibromomethane	ug/kg	ND	4.7	11/28/11 12:04	
Dichlorodifluoromethane	ug/kg	ND	9.3	11/28/11 12:04	

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Page 27 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

METHOD BLANK: 692146 Matrix: Solid

Associated Lab Samples: 92107126003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	4.7	11/28/11 12:04	
Ethylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
Hexachloro-1,3-butadiene	ug/kg	ND	4.7	11/28/11 12:04	
Isopropylbenzene (Cumene)	ug/kg	ND	4.7	11/28/11 12:04	
m&p-Xylene	ug/kg	ND	9.3	11/28/11 12:04	
Methyl-tert-butyl ether	ug/kg	ND	4.7	11/28/11 12:04	
Methylene Chloride	ug/kg	ND	18.6	11/28/11 12:04	
n-Butylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
n-Propylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
Naphthalene	ug/kg	ND	4.7	11/28/11 12:04	
o-Xylene	ug/kg	ND	4.7	11/28/11 12:04	
p-Isopropyltoluene	ug/kg	ND	4.7	11/28/11 12:04	
sec-Butylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
Styrene	ug/kg	ND	4.7	11/28/11 12:04	
tert-Butylbenzene	ug/kg	ND	4.7	11/28/11 12:04	
Tetrachloroethene	ug/kg	ND	4.7	11/28/11 12:04	
Toluene	ug/kg	ND	4.7	11/28/11 12:04	
trans-1,2-Dichloroethene	ug/kg	ND	4.7	11/28/11 12:04	
trans-1,3-Dichloropropene	ug/kg	ND	4.7	11/28/11 12:04	
Trichloroethene	ug/kg	ND	4.7	11/28/11 12:04	
Trichlorofluoromethane	ug/kg	ND	4.7	11/28/11 12:04	
Vinyl acetate	ug/kg	ND	46.6	11/28/11 12:04	
Vinyl chloride	ug/kg	ND	9.3	11/28/11 12:04	
Xylene (Total)	ug/kg	ND	9.3	11/28/11 12:04	
1,2-Dichloroethane-d4 (S)	%	94	70-132	11/28/11 12:04	
4-Bromofluorobenzene (S)	%	99	70-130	11/28/11 12:04	
Dibromofluoromethane (S)	%	95	70-130	11/28/11 12:04	
Toluene-d8 (S)	%	101	70-130	11/28/11 12:04	

LABORATORY CONTROL SAMPLE: 692147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	44.3	44.0	99	70-131	
1,1,1-Trichloroethane	ug/kg	44.3	39.1	88	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	44.3	45.6	103	70-130	
1,1,2-Trichloroethane	ug/kg	44.3	43.1	97	70-132	
1,1-Dichloroethane	ug/kg	44.3	39.9	90	70-143	
1,1-Dichloroethene	ug/kg	44.3	39.2	88	70-137	
1,1-Dichloropropene	ug/kg	44.3	39.2	89	70-135	
1,2,3-Trichlorobenzene	ug/kg	44.3	41.7	94	69-153	
1,2,3-Trichloropropane	ug/kg	44.3	44.1	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	44.3	40.4	91	55-171	
1,2,4-Trimethylbenzene	ug/kg	44.3	42.4	96	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	44.3	47.5	107	68-141	
1,2-Dibromoethane (EDB)	ug/kg	44.3	44.8	101	70-130	

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

LABORATORY CONTROL SAMPLE: 692147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	44.3	44.4	100	70-140	
1,2-Dichloroethane	ug/kg	44.3	44.1	99	70-137	
1,2-Dichloropropane	ug/kg	44.3	43.0	97	70-133	
1,3,5-Trimethylbenzene	ug/kg	44.3	41.9	95	70-143	
1,3-Dichlorobenzene	ug/kg	44.3	43.8	99	70-144	
1,3-Dichloropropane	ug/kg	44.3	44.3	100	70-132	
1,4-Dichlorobenzene	ug/kg	44.3	43.0	97	70-142	
2,2-Dichloropropane	ug/kg	44.3	39.2	88	68-152	
2-Butanone (MEK)	ug/kg	88.7	79.7J	90	70-149	
2-Chlorotoluene	ug/kg	44.3	38.7	87	70-141	
2-Hexanone	ug/kg	88.7	92.0	104	70-149	
4-Chlorotoluene	ug/kg	44.3	44.3	100	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	88.7	83.0	94	70-153	
Acetone	ug/kg	88.7	76.1J	86	70-157	
Benzene	ug/kg	44.3	43.9	99	70-130	
Bromobenzene	ug/kg	44.3	42.4	96	70-141	
Bromochloromethane	ug/kg	44.3	41.6	94	70-149	
Bromodichloromethane	ug/kg	44.3	42.4	96	70-130	
Bromoform	ug/kg	44.3	44.8	101	70-131	
Bromomethane	ug/kg	44.3	54.7	123	64-136 F3	
Carbon tetrachloride	ug/kg	44.3	42.6	96	70-154	
Chlorobenzene	ug/kg	44.3	45.1	102	70-135	
Chloroethane	ug/kg	44.3	44.6	101	68-151	
Chloroform	ug/kg	44.3	42.1	95	70-130	
Chloromethane	ug/kg	44.3	39.4	89	70-132	
cis-1,2-Dichloroethene	ug/kg	44.3	37.6	85	70-140	
cis-1,3-Dichloropropene	ug/kg	44.3	42.4	96	70-137	
Dibromochloromethane	ug/kg	44.3	43.3	98	70-130	
Dibromomethane	ug/kg	44.3	44.1	99	70-136	
Dichlorodifluoromethane	ug/kg	44.3	44.1	99	36-148	
Diisopropyl ether	ug/kg	44.3	37.5	85	70-139	
Ethylbenzene	ug/kg	44.3	43.9	99	70-137	
Hexachloro-1,3-butadiene	ug/kg	44.3	41.7	94	70-145	
Isopropylbenzene (Cumene)	ug/kg	44.3	42.7	96	70-141	
m&p-Xylene	ug/kg	88.7	87.9	99	70-140	
Methyl-tert-butyl ether	ug/kg	44.3	40.8	92	45-150	
Methylene Chloride	ug/kg	44.3	46.9	106	70-133	
n-Butylbenzene	ug/kg	44.3	41.9	95	65-155	
n-Propylbenzene	ug/kg	44.3	41.2	93	70-148	
Naphthalene	ug/kg	44.3	44.1	99	70-148	
o-Xylene	ug/kg	44.3	42.2	95	70-141	
p-Isopropyltoluene	ug/kg	44.3	43.0	97	70-148	
sec-Butylbenzene	ug/kg	44.3	42.0	95	70-145	
Styrene	ug/kg	44.3	44.0	99	70-138	
tert-Butylbenzene	ug/kg	44.3	41.3	93	70-143	
Tetrachloroethene	ug/kg	44.3	40.5	91	70-140	
Toluene	ug/kg	44.3	42.0	95	70-130	
trans-1,2-Dichloroethene	ug/kg	44.3	37.0	83	70-136	

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

LABORATORY CONTROL SAMPLE: 692147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	44.3	42.7	96	70-138	
Trichloroethene	ug/kg	44.3	44.3	100	70-132	
Trichlorofluoromethane	ug/kg	44.3	40.6	92	69-134	
Vinyl acetate	ug/kg	88.7	73.9	83	24-161	
Vinyl chloride	ug/kg	44.3	44.6	101	55-140	
Xylene (Total)	ug/kg	133	130	98	70-141	
1,2-Dichloroethane-d4 (S)	%			96	70-132	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			91	70-130	
Toluene-d8 (S)	%			97	70-130	

SAMPLE DUPLICATE: 692341

Parameter	Units	92106806001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<0.0053 mg/kg	ND		
1,1,1-Trichloroethane	ug/kg	<0.0053 mg/kg	ND		
1,1,2,2-Tetrachloroethane	ug/kg	<0.0053 mg/kg	ND		
1,1,2-Trichloroethane	ug/kg	<0.0053 mg/kg	ND		
1,1-Dichloroethane	ug/kg	<0.0053 mg/kg	ND		
1,1-Dichloroethene	ug/kg	<0.0053 mg/kg	ND		
1,1-Dichloropropene	ug/kg	<0.0053 mg/kg	ND		
1,2,3-Trichlorobenzene	ug/kg	<0.0053 mg/kg	ND		
1,2,3-Trichloropropane	ug/kg	<0.0053 mg/kg	ND		
1,2,4-Trichlorobenzene	ug/kg	<0.0053 mg/kg	ND		
1,2,4-Trimethylbenzene	ug/kg	<0.0053 mg/kg	ND		
1,2-Dibromo-3-chloropropane	ug/kg	<0.0053 mg/kg	ND		
1,2-Dibromoethane (EDB)	ug/kg	<0.0053 mg/kg	ND		
1,2-Dichlorobenzene	ug/kg	<0.0053 mg/kg	ND		
1,2-Dichloroethane	ug/kg	<0.0053 mg/kg	ND		
1,2-Dichloropropane	ug/kg	<0.0053 mg/kg	ND		
1,3,5-Trimethylbenzene	ug/kg	<0.0053 mg/kg	ND		
1,3-Dichlorobenzene	ug/kg	<0.0053 mg/kg	ND		
1,3-Dichloropropane	ug/kg	<0.0053 mg/kg	ND		

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

SAMPLE DUPLICATE: 692341

Parameter	Units	92106806001 Result	Dup Result	RPD	Qualifiers
1,4-Dichlorobenzene	ug/kg	<0.0053 mg/kg	ND		
2,2-Dichloropropane	ug/kg	<0.0053 mg/kg	ND		
2-Butanone (MEK)	ug/kg	<0.11 mg/kg	ND		
2-Chlorotoluene	ug/kg	<0.0053 mg/kg	ND		
2-Hexanone	ug/kg	<0.053 mg/kg	ND		
4-Chlorotoluene	ug/kg	<0.0053 mg/kg	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	<0.053 mg/kg	ND		
Acetone	ug/kg	<0.11 mg/kg	ND		
Benzene	ug/kg	<0.0053 mg/kg	ND		
Bromobenzene	ug/kg	<0.0053 mg/kg	ND		
Bromochloromethane	ug/kg	<0.0053 mg/kg	ND		
Bromodichloromethane	ug/kg	<0.0053 mg/kg	ND		
Bromoform	ug/kg	<0.0053 mg/kg	ND		
Bromomethane	ug/kg	<0.011 mg/kg	ND		
Carbon tetrachloride	ug/kg	<0.0053 mg/kg	ND		
Chlorobenzene	ug/kg	<0.0053 mg/kg	ND		
Chloroethane	ug/kg	<0.011 mg/kg	ND		
Chloroform	ug/kg	<0.0053 mg/kg	ND		
Chloromethane	ug/kg	<0.011 mg/kg	ND		
cis-1,2-Dichloroethene	ug/kg	<0.0053 mg/kg	ND		
cis-1,3-Dichloropropene	ug/kg	<0.0053 mg/kg	ND		
Dibromochloromethane	ug/kg	<0.0053 mg/kg	ND		
Dibromomethane	ug/kg	<0.0053 mg/kg	ND		
Dichlorodifluoromethane	ug/kg	<0.011 mg/kg	ND		
Diisopropyl ether	ug/kg	<0.0053 mg/kg	ND		
Ethylbenzene	ug/kg	<0.0053 mg/kg	ND		
Hexachloro-1,3-butadiene	ug/kg	<0.0053 mg/kg	ND		
Isopropylbenzene (Cumene)	ug/kg	<0.0053 mg/kg	ND		
m&p-Xylene	ug/kg	<0.011 mg/kg	ND		
Methyl-tert-butyl ether	ug/kg	<0.0053 mg/kg	ND		
Methylene Chloride	ug/kg	<0.021 mg/kg	ND		
n-Butylbenzene	ug/kg	<0.0053 mg/kg	ND		



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

SAMPLE DUPLICATE: 692341

Parameter	Units	92106806001 Result	Dup Result	RPD	Qualifiers
n-Propylbenzene	ug/kg	<0.0053 mg/kg	ND		
Naphthalene	ug/kg	<0.0053 mg/kg	ND		
o-Xylene	ug/kg	<0.0053 mg/kg	ND		
p-Isopropyltoluene	ug/kg	<0.0053 mg/kg	ND		
sec-Butylbenzene	ug/kg	<0.0053 mg/kg	ND		
Styrene	ug/kg	<0.0053 mg/kg	ND		
tert-Butylbenzene	ug/kg	<0.0053 mg/kg	ND		
Tetrachloroethene	ug/kg	<0.0053 mg/kg	ND		
Toluene	ug/kg	<0.0053 mg/kg	ND		
trans-1,2-Dichloroethene	ug/kg	<0.0053 mg/kg	ND		
trans-1,3-Dichloropropene	ug/kg	<0.0053 mg/kg	ND		
Trichloroethene	ug/kg	<0.0053 mg/kg	ND		
Trichlorofluoromethane	ug/kg	<0.0053 mg/kg	ND		
Vinyl acetate	ug/kg	<0.053 mg/kg	ND		
Vinyl chloride	ug/kg	<0.011 mg/kg	ND		
Xylene (Total)	ug/kg	<0.011 mg/kg	ND		
1,2-Dichloroethane-d4 (S)	%	94	94	6	
4-Bromofluorobenzene (S)	%	101	96	1	
Dibromofluoromethane (S)	%	94	95	7	
Toluene-d8 (S)	%	99	104	11	

SAMPLE DUPLICATE: 692586

Parameter	Units	92106819002 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<0.0057 mg/kg	ND		
1,1,1-Trichloroethane	ug/kg	<0.0057 mg/kg	ND		
1,1,2,2-Tetrachloroethane	ug/kg	<0.0057 mg/kg	ND		
1,1,2-Trichloroethane	ug/kg	<0.0057 mg/kg	ND		
1,1-Dichloroethane	ug/kg	<0.0057 mg/kg	ND		
1,1-Dichloroethene	ug/kg	<0.0057 mg/kg	ND		
1,1-Dichloropropene	ug/kg	<0.0057 mg/kg	ND		
1,2,3-Trichlorobenzene	ug/kg	<0.0057 mg/kg	ND		

Date: 12/07/2011 08:45 AM

**REPORT OF LABORATORY ANALYSIS**

Page 32 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

SAMPLE DUPLICATE: 692586

Parameter	Units	92106819002 Result	Dup Result	RPD	Qualifiers
1,2,3-Trichloropropane	ug/kg	<0.0057 mg/kg	ND		
1,2,4-Trichlorobenzene	ug/kg	<0.0057 mg/kg	ND		
1,2,4-Trimethylbenzene	ug/kg	<0.0057 mg/kg	ND		
1,2-Dibromo-3-chloropropane	ug/kg	<0.0057 mg/kg	ND		
1,2-Dibromoethane (EDB)	ug/kg	<0.0057 mg/kg	ND		
1,2-Dichlorobenzene	ug/kg	<0.0057 mg/kg	ND		
1,2-Dichloroethane	ug/kg	<0.0057 mg/kg	ND		
1,2-Dichloropropane	ug/kg	<0.0057 mg/kg	ND		
1,3,5-Trimethylbenzene	ug/kg	<0.0057 mg/kg	ND		
1,3-Dichlorobenzene	ug/kg	<0.0057 mg/kg	ND		
1,3-Dichloropropane	ug/kg	<0.0057 mg/kg	ND		
1,4-Dichlorobenzene	ug/kg	<0.0057 mg/kg	ND		
2,2-Dichloropropane	ug/kg	<0.0057 mg/kg	ND		
2-Butanone (MEK)	ug/kg	<0.11 mg/kg	ND		
2-Chlorotoluene	ug/kg	<0.0057 mg/kg	ND		
2-Hexanone	ug/kg	<0.057 mg/kg	ND		
4-Chlorotoluene	ug/kg	<0.0057 mg/kg	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	<0.057 mg/kg	ND		
Acetone	ug/kg	<0.11 mg/kg	ND		
Benzene	ug/kg	<0.0057 mg/kg	ND		
Bromobenzene	ug/kg	<0.0057 mg/kg	ND		
Bromochloromethane	ug/kg	<0.0057 mg/kg	ND		
Bromodichloromethane	ug/kg	<0.0057 mg/kg	ND		
Bromoform	ug/kg	<0.0057 mg/kg	ND		
Bromomethane	ug/kg	<0.011 mg/kg	ND		
Carbon tetrachloride	ug/kg	<0.0057 mg/kg	ND		
Chlorobenzene	ug/kg	<0.0057 mg/kg	ND		
Chloroethane	ug/kg	<0.011 mg/kg	ND		
Chloroform	ug/kg	<0.0057 mg/kg	ND		
Chloromethane	ug/kg	<0.011 mg/kg	ND		
cis-1,2-Dichloroethene	ug/kg	<0.0057 mg/kg	ND		



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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

SAMPLE DUPLICATE: 692586

Parameter	Units	92106819002 Result	Dup Result	RPD	Qualifiers
cis-1,3-Dichloropropene	ug/kg	<0.0057 mg/kg	ND		
Dibromochloromethane	ug/kg	<0.0057 mg/kg	ND		
Dibromomethane	ug/kg	<0.0057 mg/kg	ND		
Dichlorodifluoromethane	ug/kg	<0.011 mg/kg	ND		
Diisopropyl ether	ug/kg	<0.0057 mg/kg	ND		
Ethylbenzene	ug/kg	<0.0057 mg/kg	ND		
Hexachloro-1,3-butadiene	ug/kg	<0.0057 mg/kg	ND		
Isopropylbenzene (Cumene)	ug/kg	<0.0057 mg/kg	ND		
m&p-Xylene	ug/kg	<0.011 mg/kg	ND		
Methyl-tert-butyl ether	ug/kg	<0.0057 mg/kg	ND		
Methylene Chloride	ug/kg	<0.023 mg/kg	ND		
n-Butylbenzene	ug/kg	<0.0057 mg/kg	ND		
n-Propylbenzene	ug/kg	<0.0057 mg/kg	ND		
Naphthalene	ug/kg	<0.0057 mg/kg	ND		
o-Xylene	ug/kg	<0.0057 mg/kg	ND		
p-Isopropyltoluene	ug/kg	<0.0057 mg/kg	ND		
sec-Butylbenzene	ug/kg	<0.0057 mg/kg	ND		
Styrene	ug/kg	<0.0057 mg/kg	ND		
tert-Butylbenzene	ug/kg	<0.0057 mg/kg	ND		
Tetrachloroethene	ug/kg	<0.0057 mg/kg	ND		
Toluene	ug/kg	<0.0057 mg/kg	ND		
trans-1,2-Dichloroethene	ug/kg	<0.0057 mg/kg	ND		
trans-1,3-Dichloropropene	ug/kg	<0.0057 mg/kg	ND		
Trichloroethene	ug/kg	<0.0057 mg/kg	ND		
Trichlorofluoromethane	ug/kg	<0.0057 mg/kg	ND		
Vinyl acetate	ug/kg	<0.057 mg/kg	ND		
Vinyl chloride	ug/kg	<0.011 mg/kg	ND		
Xylene (Total)	ug/kg	<0.011 mg/kg	ND		
1,2-Dichloroethane-d4 (S)	%	97	93	9	
4-Bromofluorobenzene (S)	%	97	95	6	
Dibromofluoromethane (S)	%	93	92	6	
Toluene-d8 (S)	%	100	97	7	

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**REPORT OF LABORATORY ANALYSIS**

Page 34 of 37

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**QUALITY CONTROL DATA**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

QC Batch: PMST/4352      Analysis Method: ASTM D2974-87  
 QC Batch Method: ASTM D2974-87      Analysis Description: Dry Weight/Percent Moisture  
 Associated Lab Samples: 92107126001, 92107126002, 92107126003

SAMPLE DUPLICATE: 691864

Parameter	Units	92107157001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	15.5	16.0	3	

SAMPLE DUPLICATE: 691865

Parameter	Units	92107163002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	17.4	17.1	1	



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## QUALIFIERS

Project: Goldsboro Milling  
Pace Project No.: 92107126

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

### LABORATORIES

PASI-C Pace Analytical Services - Charlotte

### ANALYTE QUALIFIERS

F3 The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.

S0 Surrogate recovery outside laboratory control limits.



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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Goldsboro Milling  
 Pace Project No.: 92107126

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92107126004	MW-4	EPA 8260	MSV/17475		
92107126005	MW-5	EPA 8260	MSV/17496		
92107126006	MW-6	EPA 8260	MSV/17475		
92107126001	MW-4 (SOIL)	EPA 8260	MSV/17460		
92107126002	MW-5 (SOIL)	EPA 8260	MSV/17460		
92107126003	MW-6 (SOIL)	EPA 8260	MSV/17463		
92107126001	MW-4 (SOIL)	ASTM D2974-87	PMST/4352		
92107126002	MW-5 (SOIL)	ASTM D2974-87	PMST/4352		
92107126003	MW-6 (SOIL)	ASTM D2974-87	PMST/4352		

